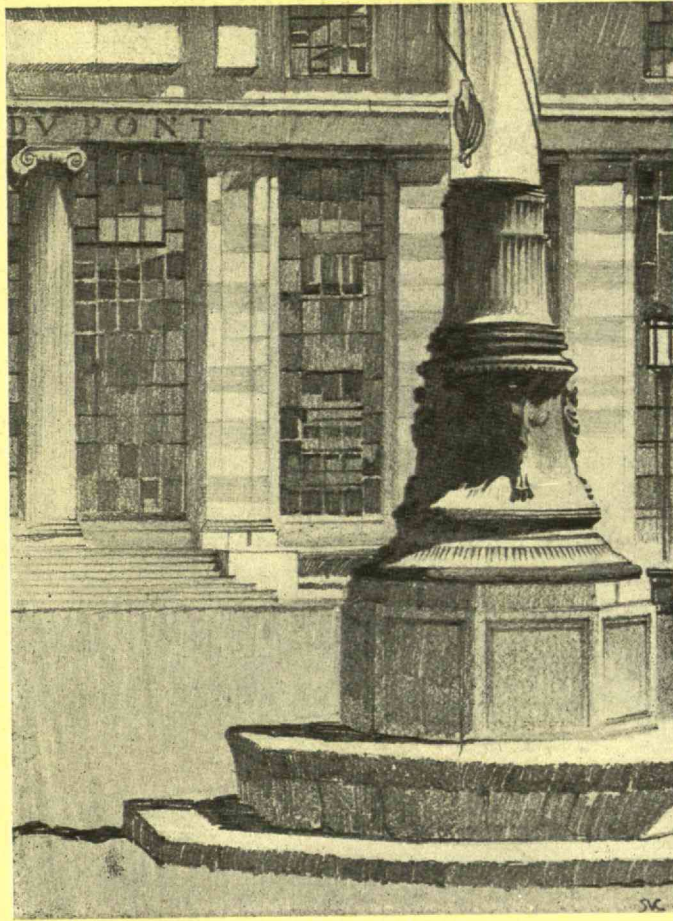


THE TECHNOLOGY REVIEW



JULY
1926

RELATING TO THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

technology review

Published by MIT

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The Magic Sack—

GOOD ROADS—FARM BUILDINGS WAREHOUSES—SKYSCRAPERS

—all out of the magic sack of cement!

THE United States produced in 1924 well over a half billion sacks of cement, for which the largest single use was in the construction of good roads.

How much these roads have helped to make us a nation of neighbors needs no repetition. But the means by which the cement industry made such roads possible are not so well known. Though only five times as many workers are employed, the production of cement has increased thirty times in the last quarter century. The lion's share of the work is not done by men but by electricity—its use has increased more than fifteen-fold.

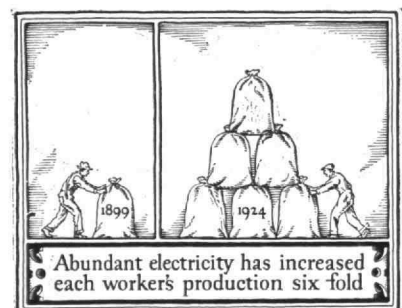
In other words, the harder, coarser tasks of cement making

have been shifted from the shoulders of men to the tireless shoulders of motors—a lasting economic gain.

There should be more industries of which a similar story might be told, for American business has found a way to accomplish the seemingly impossible—to pay the highest wage and still maintain the lowest costs. Through the applications of electricity, the productive power of each workman may be so increased that, single-handed, he outworks the old-time "gang" and receives more than the old-time foreman's wage.



The General Electric Company's monogram is found on the motors that run the grinders, weigh the cement and sew the sacks. As in so many other industries, these initials have helped men to see that electricity works at lowest cost in money and human strength.



GENERAL ELECTRIC

WORK IN PROGRESS

1922

1924

1926

MAY, 1926

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FINANCE

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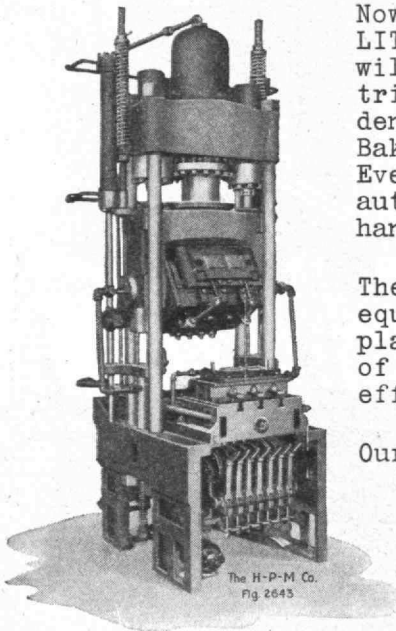
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Mount Gilead, Ohio
JULY 1st, 1926

Dear Alumni :-

The Technology Club of Central Ohio - that's us! We have just recently organized with headquarters at Columbus. "Dennie" was on hand at our second meeting, giving us all of the latest gossip from the 'Stute.



Now to talk shop! Suppose we mention BAKE-LITE, this time. Naturally a Course VI man will tell us Bakelite is a popular "dielectric" and Course X will say it's a "phenol condensation" product. But the rest of us know Bakelite in the many forms in which we use it. Everything from radio dials, tube sockets, automobile ignition to pipe stems and cane handles.

The hydraulic press is the chief item of equipment in molding Bakelite and all other plastic compositions. With the increasing use of these products there is great need for more efficient production methods.

Our company has therefore been working along these lines. We have perfected and patented full automatic presses like the one pictured here.

The operator merely places the raw Bakelite powder in the mold, shifts a lever - and goes on to the next press. The automatic control does the rest, applying two pressures, heating, chilling, opening and ejecting. One unskilled operator serves several units.

Everyone is interested in Bakelite from some angle or other. I'll be glad to send you more complete dope - on this and any other application of HIGH PRESSURE HYDRAULICS that may interest you. Drop me a line.



Yours for Tech.

Howard J. MacMillin
Second Vice-President
THE HYDRAULIC PRESS MFG. CO. II-21.

P.S. The dial on the new single control Atwater-Kent is being molded by H-P-M Automatics.

THE TECHNOLOGY REVIEW

RELATING TO THE MASSACHUSETTS
INSTITUTE OF TECHNOLOGY

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R. E. ROGERS {	Contributing Editors
J. J. ROWLANDS {	



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SAMUEL C. PRESCOTT, '94 }

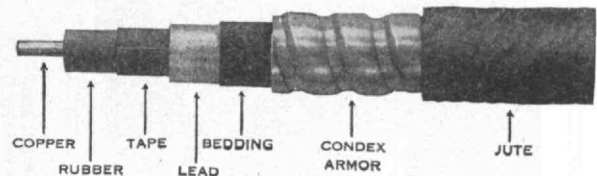
ORVILLE B. DENISON, '11, *Secretary-Treasurer*

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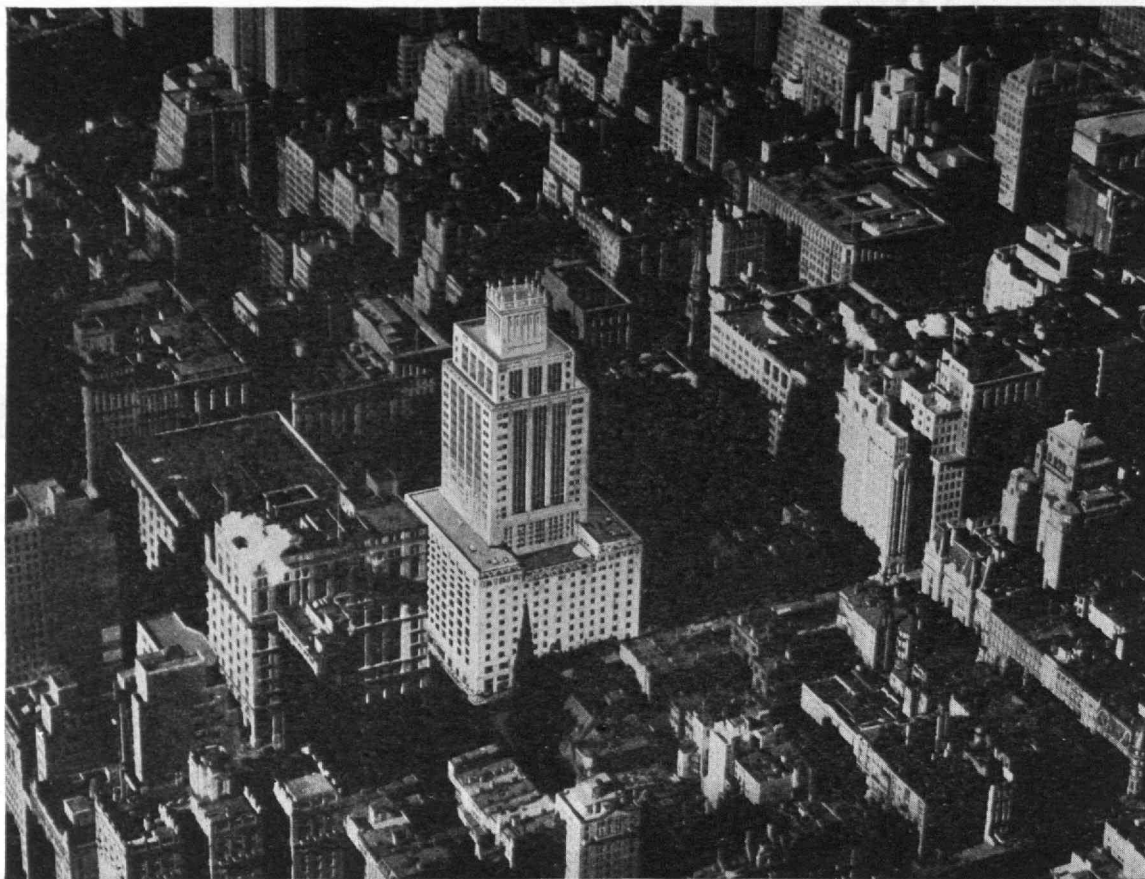
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therefore, it requires less labor to handle
the same amount of cable and costs less
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The TECHNOLOGY REVIEW

RELATING TO THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOLUME XXVIII

JULY, 1926

NUMBER 8

The Past Months

HARRY MANLEY GOODWIN, '90, Professor of Physics and Electrochemistry, has been appointed the first Dean of Graduate Students. Following his graduation he began his teaching in the Institute as an Assistant in the Department of Physics. One year later he was appointed an Instructor, was made an Assistant Professor in 1897, an Associate Professor in 1903 and a Professor in 1906. He will continue to be in charge of the Course in Electrochemical Engineering in the Department of Physics. In 1892 Dr. Goodwin was granted leave of absence for study abroad and was awarded the degree of Doctor of Philosophy from the University of Leipzig in 1893 and in the winter of 1893-94 studied at the University of Berlin, returning to resume teaching at Technology in the autumn of 1894.

Other appointments for the academic year 1926-27, announced by the Corporation included the promotion of four Associate Professors to full Professorship. They are F. E. Armstrong to Professor of Political Economy; S. P. Mulliken, '87, to Professor of Organic Chemistry; N. C. Page, '02, to Professor of Electricity and Donald S. Tucker to Professor of Economics.

Those promoted from the grade of Assistant Professor to that of Associate Professor are H. L. Bowman, S. M. '14, Structural Engineering; T. L. Davis, '13, Organic Chemistry; J. J. Eames, '02, Experimental Engineering; D. A. Fales, '14, Automotive Engineering; L. J. Gillespie, Physico-Chemical Research; A. L. Goodrich, '98, Drawing and Descriptive Geometry; E. H. Schell, '12, Business Management and W. C. Schumb, Inorganic Chemistry. Dr. Charles

Terzaghi, Lecturer and Research Associate, is appointed Associate Professor in Foundation Engineering.

Other promotions included the following instructors who are appointed Assistant Professors: W. A. Crosby, '17, English; M. W. Dole, '04, Mechanism; K. D. Fernstrom, '10, Economics; V. O. Homerberg, '21, Metallography; A. A. Morton, Organic Chemical Research; Penfield Roberts, English; L. H. Young, '15, Physics; and F. H. Slack, Public Health Laboratory Methods.

Three resignations from the Faculty have been made public: Associate Professors C. P. Burgess, Airship Design; and D. A. MacInnes, Physico-Chemical Research; and Assistant Professor W. F. Jones, '09, Structural Geology.



MICHAEL I. PUPIN, Ph.D., Sc.D., LL.D.

Professor of Electromechanics at Columbia and President of the American Institute of Electrical Engineers, who addressed the graduating class on June 8. His subject was "The Idealism of Science"

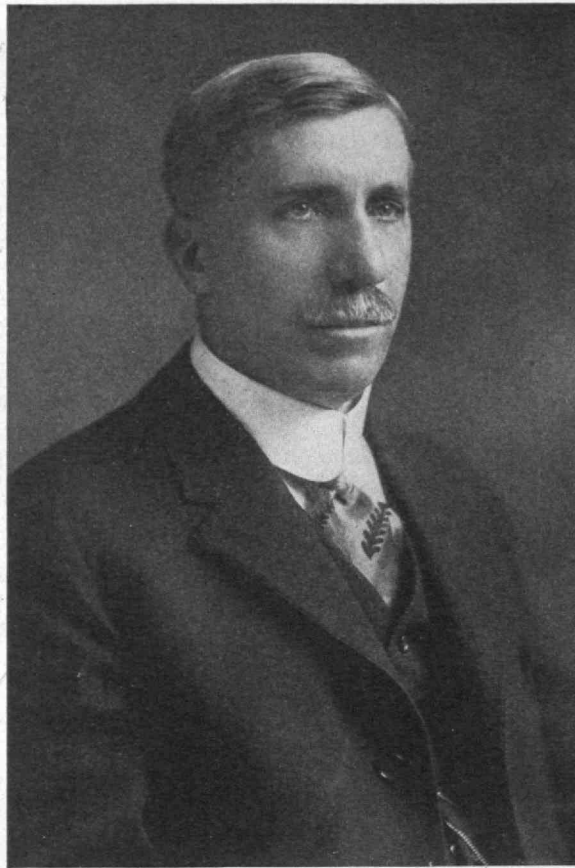
DEGREES were awarded to 637 candidates at the graduation exercises on the afternoon of June 8. As was the case last year, the ceremonies were held in the open air in du Pont Court. Nearly 3000 guests, relatives and friends of the seniors were assembled when the academic procession marched from the main entrance, and through Eastman Court, lead by President Stratton and Dr. Michael I. Pupin, Professor of Electromechanics and Director of the Phoenix Research Laboratories at Columbia and President of the American Institute of Electrical Engineers, who delivered the address to the graduating class.

Dr. Stratton had as his escort, Colonel Alexander Macomber, '07, Chief Marshal; Dr. Pupin was escorted by Professor Charles M. Spofford, '93, Chairman of the Faculty. Then came the Reverend H. K. Sherrill of Trinity Church, who gave the invocation, and Dean

Henry P. Talbot, '85. Brigadier General M. H. Barnum, U. S. A., who made the award of commissions to members of the Reserve Officers Training Corps was accompanied by Colonel Frederick W. Phisterer, Head of the Department of Military Science and Tactics, and Rear Admiral Philip Andrews, U. S. N., by Professor J. R. Jack, Head of the Department of Naval Architecture and Marine Engineering. Members of the Corporation and Faculty and candidates for degrees followed.

The degrees awarded by President Stratton included eleven Doctorates of Philosophy and of Science. The degree of Master of Science was awarded to 124 candidates; nine received the degree of Master in Architecture and one the Certificate in Public Health. The new Bachelors of Science numbered 492 and included students in nearly every branch of engineering, from this country, its territories and twenty-nine foreign countries. In the latter China led with thirty graduates; Belgium, India and Japan each had six; Canada had twenty-four; Italy and Mexico four each. Others came from the countries of Europe, England and the Near East. South America had ten graduates.

Establishment of three new scholastic honors, to be known as the Swope Fellowships, after the donor, Gerard Swope, '95, President of the General Electric Company, was announced by President Stratton. Two of the Swope Fellowships are for students in the Department of Electrical Engineering and carry stipends of \$1000 and \$500, respectively. The former is for study here or abroad. The third provides \$1000 for a student in the Department of Physics for study here or abroad. The first award of these honors was made to Edward D. Wayne, '26, and Joel Tompkins, '26, of the



MORTEN CARLISLE, '90

Who functioned as President of The Technology Clubs Associated at the Eighth Meeting of the federation

Electrical Engineering Department, and John B. Coleman, '26, of the Department of Physics.

This year's honors list included the award of a John Simon Guggenheim Memorial Fellowship to Dr. Norbert Wiener, Assistant Professor of Mathematics (now Visiting Lecturer at the University of Göttingen). Fellowships were conferred on ten other students whose names and honors follow: Julius A. Stratton, '23, Traveling Fellowship in Mathematics and Theoretical Physics for study abroad; Bertram E. Warren, '24, Malcolm Cotton Brown Fellow for study abroad; Shepard Vogelgesang, '26, Traveling Fellowship in Architecture; Ralph F. Tefft, G., Dalton Fellow in Chemistry; George R. Rucker, '25, Savage Fellow in Chemistry; Joseph F. Walker, Jr., '25, du Pont Fellow in Chemistry; King E. Gould, S.M. '25, Swett Fellow in Electrical Engineering; Philip K. Bates, '24, Saltonstall Fellow in the Department of Biology and

Public Health; David Allen Shepard, '26, Verges Fellow in Chemical Engineering.

The Research Fellowship in Fuel and Gas Engineering, of the Massachusetts Gas Companies and the Boston Consolidated Gas Company, was conferred on Hoyt C. Hottel, graduate student in Chemical Engineering.

The Rotch Architectural Prizes awarded for the highest record at the end of the senior year went to Robert C. Dean, '26, and Frank J. Roorda, '26. The former also received the Student Medal of the American Institute of Architects for having the highest record throughout the four years.

DESPITE the lure of beach or mountain and thoughts of vacation by those who have studied throughout autumn, winter and spring, the Institute is on a twelvemonth production basis and in the



FRED W. MORRILL, '07
Presiding officer of the Club in Cincinnati



STUART R. MILLER, '07
Chairman of the Smoker at the Hotel Alms

rooms ranged about du Pont Court students retrieving fallen academic fortunes or accumulating "futures" in the Summer Session were already hard at their labors when this year's candidates for degrees marched nearby.

In addition to the regular subjects several new ones make their initial bow and blush. For example, a course in Yacht Design and Model Making by Professor George Owen, '94, and a non-mathematical treatment of the fundamentals of the modern theory of electrons by Professor Max Knobel, '19.

Various courses in methods of teaching for high school teachers are continued and expanded in view of the experience of 1925. These are being given by members of the Institute staff supplemented by such men as Walter F. Downey, Headmaster, Fred R. Miller and Charles H. Stone of the Boston English High School; Joseph R. Lunt, Head of the Science Department of the Mechanics Arts High School of Boston.

COINCIDENT with press time on the last number of The Review there took place at the Hotel Alms in Cincinnati, Ohio, the Eighth Convention of the federation known as The Technology Clubs Associated. Fred W. Morrill, '07, President of The Technology Club of Cincinnati, the host, called the first session to order on Friday afternoon, April 23, and after a brief address of welcome introduced Morten Carlisle, '90, who functioned as President of The Technology Clubs Associated, in place of Rudolph Tietig, '98, who had been taken ill just previous to the Convention.

Although delegates were present from but about one-fifth of the various Clubs in the continental United States, the gathering of the federation, while disappointing to the Cincinnati Club whose preliminary plans had been formulated with a view to entertaining many more,

was productive of considerable discussion and resulted in a practical reorganization by which the member Clubs are to be grouped regionally. How this came about and its significance in view of announcement of the Institute's proposal to establish a series of "regional" freshman scholarships is described in more detail on page 459.

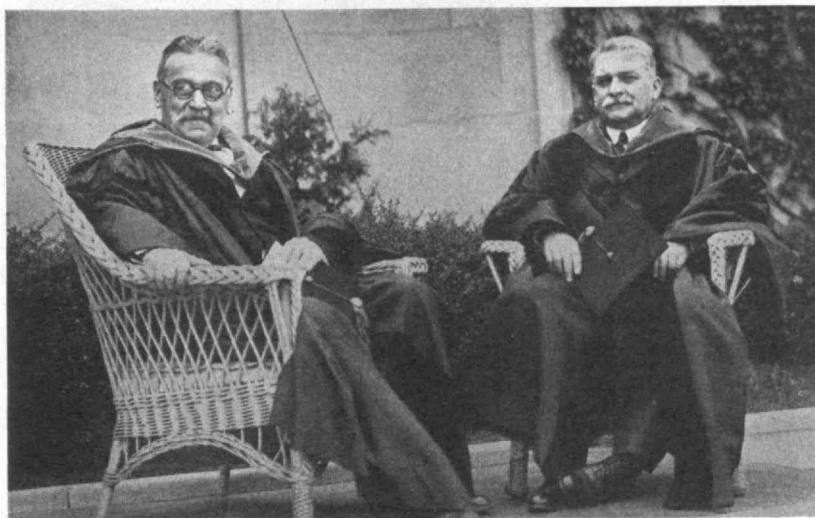
At the Friday evening meeting Thomas C. Desmond, '09, President of The Technology Club of New York, was elected President of the federation; George B. Jones, '05, of Chicago and Arthur S. More, '02, of Rochester, N.Y., Vice-Presidents; Orville B. Denison, '11, of Boston, Secretary-Treasurer. All elections were by unanimous vote. New York City was

chosen as the site of the Ninth Convention, the tentative date for which is sometime in May, 1927.

Besides the transaction of business the Friday evening meeting, of which Stuart R. Miller, '07, was in charge, was addressed by Professors Leicester F. Hamilton, '14, Chairman of the Dormitory Board, who described present-day conditions in the Technology housing units, and Warren K. Lewis, '05, Head of the Department of Chemical Engineering, who discussed certain phases of the Institute's relations to industry. Cinema films of the School of Chemical Engineering Practice were then shown as exhibits of certain of the latter's assertions. Mr. Desmond spoke about the project for a National Technology Center in New York and a summary of his proposal, which was

unanimously endorsed by the meeting, appears on page 462. The final speaker was H. E. Lobdell, '17, Editor of The Review, who gave facts and figures relating to the last four years of The Review's publication.

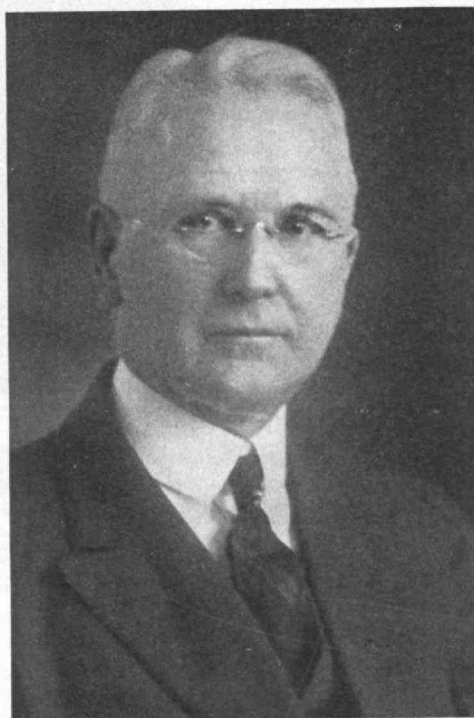
Saturday morning and afternoon were devoted to trips to the Columbia Power Company on the Ohio River and to Mariemont, the housing development of



PROFESSOR PUPIN AND PRESIDENT STRATTON

Above: The two central figures of the commencement program on June 8, as posed by Frank Colby of The Transcript that morning in the President's garden. Below: A studio portrait by Notman of the Head of the Course in Electrochemical Engineering, new Dean of Graduate Students, Chairman of the Committee on Graduation, to whom should be accredited the flawless excellence of the arrangements for the graduating exercises

DEAN HARRY M. GOODWIN, '90



which George L. Mirick, '93, is Managing Director.

Frank W. Willey, '08, of Cincinnati, as toastmaster at the Convention banquet held on Saturday evening, introduced five speakers: Professor Emeritus Robert H. Richards, '68; Professor Samuel C. Prescott, '94; David A. Shepard, '26, President of the Senior Class; President-elect Desmond, and Mr. Denison.

A SCHOOL of engineering in the industries allied to and including the graphic arts has been proposed by a group of leaders who are interested in further development in the technology of their professions. Their project was formally presented to President Stratton on May 11, by a provisional committee of representatives of leading American firms, who in submitting a report on the subject unanimously recommended that the Institute establish a school to train men qualified to lead in the printing and publishing industries. Their report called attention to the fact that the printing industry, although fifth in importance in the United States, has never been developed along scientific or engineering lines by any institution of authority in contrast to the important work of the academies of printing and allied arts in Leipsic, Vienna, Paris and Turin.

In tentatively discussing subjects for instruction in the proposed school, the committee submitted a list covering a broad field, including the graphic arts, with research and instruction in the technology of paper, printing inks, metals, the various processes used in printing, photochemistry, photomechanical materials, electrochemistry, electrotyping, photographic appliances, power transmission, principles of printing presses, composition machinery, bookbinding, lighting, air conditioning, scientific management, including business

administration and cost accounting, and the mathematics of printing, as well as cultural subjects.

In discussing the need for training men in printing and publishing, John S. Williams, Production Director of the Curtis Publishing Company of Philadelphia, said there was a great need for technically trained men who would find most attractive opportunities in the graphic arts. Charles F. Hart, Mechanical Superintendent of the New York *Times*, pointed out that nearly every company desires such men and that at present they are sought for in vain.

W. S. Rossiter, President of The Rumford Press, said that while many college graduates were attracted to the printing industry, few now have the proper training to qualify them for the work from the scientific point of view. In this viewpoint William S. Forbes, '93, President of the Forbes Lithographic Manufacturing Company, concurred. Henry L. Bullen of the American Type Founders Company asserted that progress in the printing and allied industries had been retarded through the slow and costly trial-and-error method.



Photo by Times Wide World

RICHARD H. RANGER, '11

Inventor of the apparatus for sending photographs by radio. He is here seen standing by the London transmitter which, as predicted in the last number of The Review, inaugurated a pioneer commercial service between London and New York on May 1. See the story on page 454

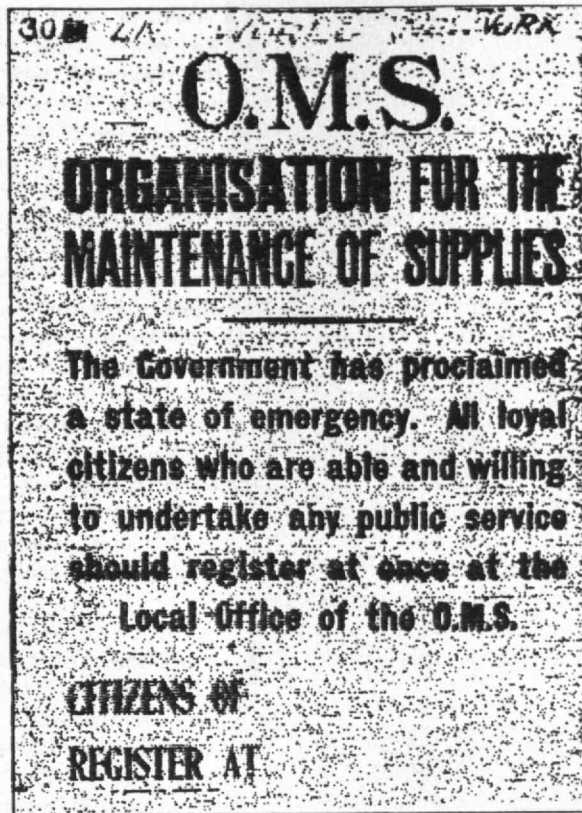
SAMUEL HOMER WOODBRIDGE, '79, a retired member of the Faculty, died on Saturday, June 5, at Portland, Conn. He was a graduate of Williams College in the Class of 1873 and studied for three years (1876-9) in the Department of Physics at Technology, becoming an Instructor in that Department in 1884, an Assistant Professor in 1895 and an Associate Professor in 1900. He held this later grade until his retirement in 1914.

While an undergraduate he became practically interested in matters of ventilation because of the atmospheric conditions existing in the crowded class and lecture-rooms, and through his efforts and under his

supervision were devised effective means for correcting these deficiencies. Later his work in ventilating, heating and sanitary engineering brought him such fame as a recognized authority that he became a consultant in these fields on the United States Capitol, the National Museum Building and the Pennsylvania Railroad Station in New York. Although chiefly known as an engineer he gained recognition as the organizer and director of the three-year national campaign resulting in the overthrow of the Louisiana Lottery after its removal to Tampa and Honduras.

PRECEDENT and the by-laws have it that meetings of the Alumni Council shall be held on the last Monday of every month during the academic year. Convenience or expediency occasionally over-rule the statute; both did specifically last April, with the result that the meeting of that month was held not on April's last Monday but in her last five hours. This, the 120th Meeting of the Council, took place in Walker Memorial on Friday, April 30, with an attendance of seventy-one members and guests, the business meeting being called to order at 8:00 P.M.

One of the principal features of the evening, although chronologically one of the last (and the chief reason for the postponement of the meeting from the previous Monday) was the presence of Elisha Lee, '92, Vice-President in Charge of Operation of the Pennsylvania Railroad, and now officially President-elect of the Alumni Association for the year beginning July 1, 1926. Mr. Lee had that day come to Cambridge to deliver the last of the year's Aldred Lec-



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"DORA" RANGERIZED

Cisatlantic reproduction of the proclamation under the Defense of the Realm Act posted throughout England (as published the next morning on the front page of the N. Y. World)

the Secretary-Treasurer. Mr. Denison announced that at the end of ten months "the Association has been conducted . . . within the budget," and that the indications were that the Association would end its fiscal year on June 30 with a surplus of about \$1500 resulting from

the return of profits from The Review. The surplus of this year will be applied to the partial funding of the deficit incurred by the Association in 1923-24.

The set program included speeches of varying lengths and formality by Mr. Lee; Professor Robert H. Smith of the Department of Mechanical Engineering, in charge of the Machine Tool Laboratory; and Oscar F. Hedlund, Coach of Track. Mr. Lee assured the Council of the honor he felt had been conferred

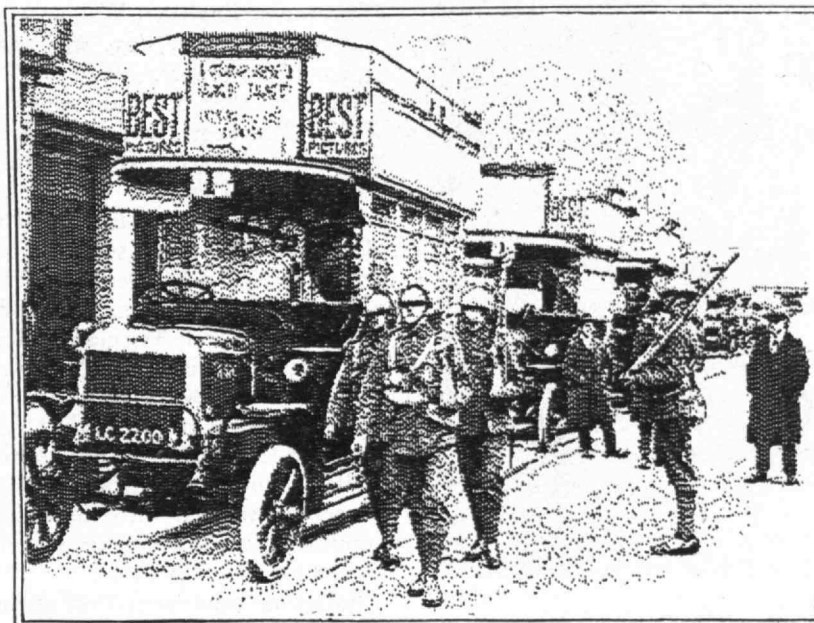


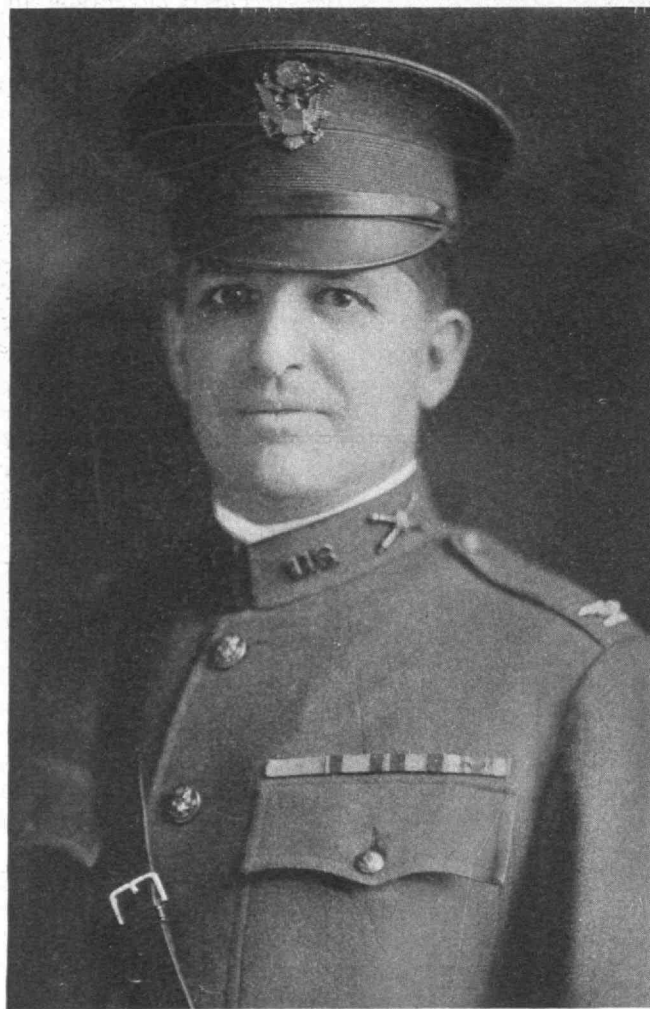
Photo by Times Wide World

NOT "SOMEWHERE IN FRANCE"

English Troops Guarding London's supplies during the strike. Another Ranger photo

upon him by election to the presidency of the Alumni Association of — to quote the secretarial report — “the greatest institution in the world” — which seems a trifle presumptuous, but has the blessing that Mr. Lee never said anything of the kind. Professor Smith spoke of the progress of the Department of Mechanical Engineering during his forty years of connection with it and naturally laid most of his emphasis on the mechanical production methods with which he has been so deeply concerned. He told — may we once again quote the secretarial report? — of the way in which the “boys were getting industrial tie-ins,” although Professor Smith used phraseology somewhat different, and laid emphasis on the newly established course in quantity production methods.

Coach Hedlund spoke convincingly of the value of track athletics in the development of character, and warmed most enthusiastically to the task of informing the Council of the excellent spirit displayed by the 250 members of the track squad, under the conventional difficulties associated with extra-curricular work at the Institute. He paid particular tribute to the sterling qualities exhibited by George J. Leness, '26, this year's track Captian.



COL. ALSTON HAMILTON, C.A.C., U.S.A.

Famed expert on the mathematics of interior and exterior ballistics, graduate of the U. S. M. A. Class of 1894, new Head of the Institute's Department of Military Science and Tactics

IT WAS at this Council Meeting that announcement was made of the results of the recent balloting for the choice of three candidates to be presented for ratification as Term Members of the Corporation. Of the nine nominees, the three successful were, in the order of number of votes polled, Paul W. Litchfield, '96, President of the Goodyear Tire and Rubber Company and the Goodyear Zeppelin Corporation, Akron, Ohio; Alfred P. Sloan, Jr., '95, President of the General Motors Corporation, New York; and John R. Macomber, '97, President of Harris, Forbes and Company, Boston.

Of the Alumni Association slate, the entirety was, of course, elected. In addition to Mr. Lee, Henry F. Bryant, '87, is now officially Vice-President-elect and the budding Executive Committee Members are Edward L. Moreland, '07, of Jackson and Moreland, Boston, and Harold B. Richmond, '14, of the General Radio Company, Cambridge. Orville B. Denison, '11, was reappointed for an additional year as Secretary-Treasurer of the Alumni Association.

EVERY year the Alumni Council holds an annual meeting. This time it was the 121st gathering and took place in Walker Memorial on May 24. Fifty-six members and their guests attended — a slim representation at a meeting which usually draws forth numbers little short of an even hundred.

Fifteen annual reports of this or that Advisory Council or committee were duly read, accepted, placed on file: the lector being with a remorseless frequency O. B. Denison, '11, who first read his own report as Secretary-Treasurer of the Alumni Association, and then, at appropriate intervals intoned chants on behalf of various absentees.

The Advisory Councils on Undergraduate Activities began the procession as follows: Athletics, J. A. Rockwell, '96; Boat House, J. L. Batchelder, '90; Musical Clubs, O. B. Denison, '11 (for D. G. Robbins, '07); Undergraduate Publications, W. Prescott (Assistant Professor of English); Walker Memorial, T. F. Bundy, '24. A. Macomber, '07, was absent and Tech Show presented no report.

Followed then the Standing Committees: Assemblies, W. G. Brackett, '95; Historical Collection, H. B. Richmond, '14 (for J. P. Munroe, '82); Permanent Funds, O. B. Denison, '11 (for F. R. Hart, '89). Then the Special Committees: Memorial to President MacLaurin, O. B. Denison, '11 (for H. A. Morss, '93); Dormitories, O. B. Denison, '11 (for J. W. Rollins, '78); Housing Undergraduate Publications, A. W. Rowe, '01; Local Association Representatives, O. B. Denison, '11 (for himself, this time); Audit and Budget, O. B. Denison, '11 (for D. G. Robbins, '07); To Determine Official M. I. T. Colors, S. C. Prescott, '94 (for S. P. Mulliken, '87); Alumni Dormitory Fund, H. B. Richmond, '14 (for Gorton James, '10). Of these all were continued with the exception of Mr. Rollins' Committee on Dormitories which was discharged with thanks for the work done.

Balloting was carried on during the course of this meeting for the election of three new members of the Nominating Committee, to serve until 1929. The complicated election system eventually, after several

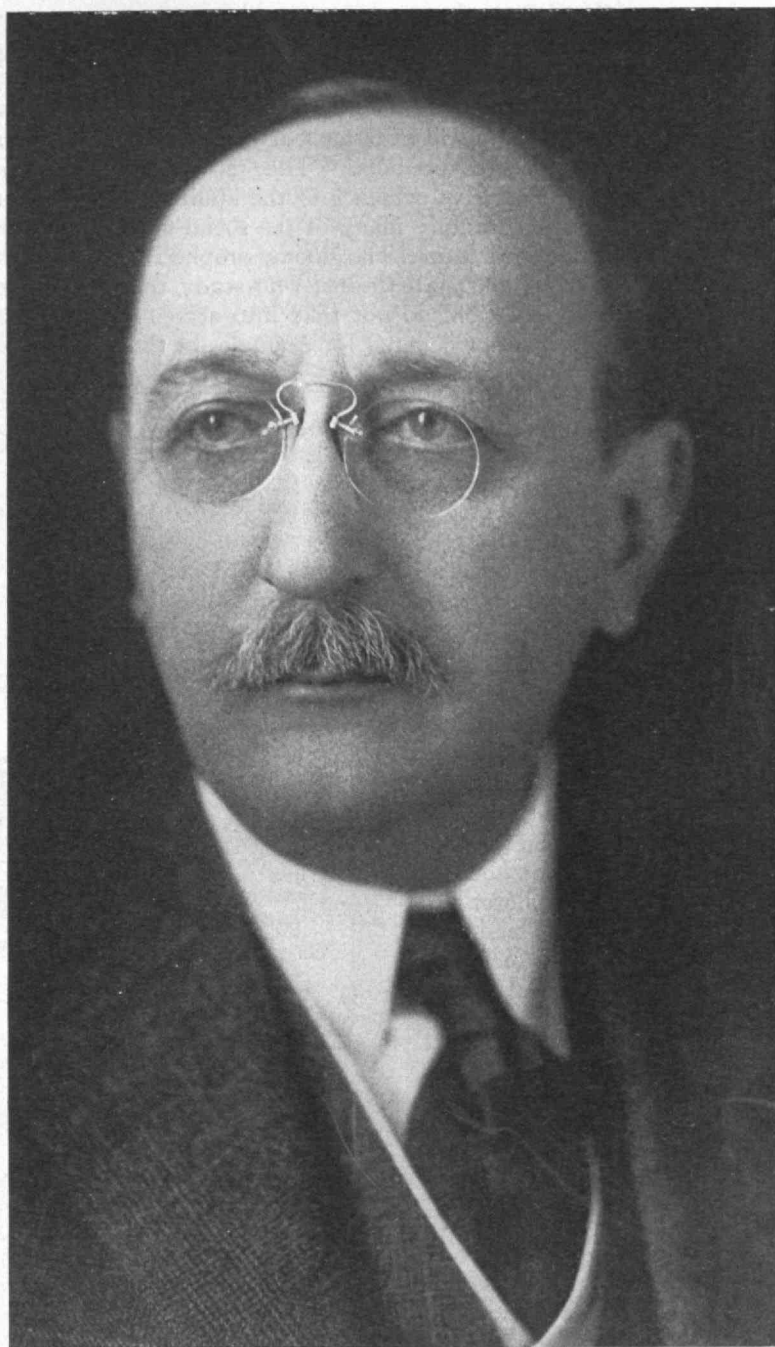
electioneering speeches, resulted in the choice of J. P. Munroe, '82, H. E. Lobdell, '17, and C. W. Cram, '09. Mr. Cram was, in addition, at the suggestion of the old Nominating Committee, nominated to succeed Wallace C. Brackett, '95, on the Committee on Assemblies. C. F. Read, '74, and F. R. Hart, '89, were likewise nominated to succeed themselves on the Committees on Historical Collection and Permanent Funds, respectively. It was further announced that E. L. Moreland, '07, newcoming member of the Executive Committee, succeeds D. G. Robbins, '07, outgoing, on the subcommittee on Audit and Budget, and that H. B. Richmond, '14, incoming, succeeds E. F. Hodgins, '22, outgoing, on the subcommittee to Nominate Local Representatives on the Council. H. J. Carlson, '92, succeeds the late Leonard Metcalf, '92, on the Committee on Housing Undergraduate Publications.

Earlier in the evening the Council had once again a salad orator, T. C. Desmond, '09, who spoke on the latest developments of the National Technology Center Plan. Reference to page 462 will give the reader a complete summary of the project in its present form. It was announced later in the evening that the Alumni Committee to coöperate with a Committee of the Corporation in a study of this plan consists of J. P. Munroe, '82, H. J. Carlson, '92, and M. L. Emerson, '04, who have been instructed to add to their number to make a minimum of twelve.

W. J. Newlin, '01, Professor of Philosophy at Amherst College, presented as the feature of the evening a paper on "Alumni Relations with Educational and Technical Problems Within Their Institution."

THROUGH the efforts of Dr. James F. Norris, Professor of Organic Chemistry at Technology and President of the American Chemical Society, and Dr. H. E. Howe, Editor of *Industrial and Engineering Chemistry*, the Institute of Politics at Williamstown next month will devote about one-half of its deliberations to a consideration of the part played by chemistry in world affairs.

As in former years attention will be paid to questions of political significance, but the addition for the first time of scientific discussion to the agenda of "The Little League of Nations" is evidence of the growing appreciation of the value and importance of science in national and international affairs. The Institute, pursuing the policy of "impartially exploring the facts underlying international events, and promoting among adults the serious study of foreign affairs," significantly recognizes this trend, and at the same time provides a medium for the emphasis of the humanization of science—the battle cry at present of all the scientific societies of the land.



CASS GILBERT, '80

Architect of the Woolworth Building and Past President of the American Institute of Architects, successor to Edwin Howland Blashfield, '69, in the Presidency of the National Academy of Design. See the story on page 452

Lecture courses will be given on Chemistry in World Progress by Sir James Colquhoun Irvine (Vice-Chancellor of St. Andrews University, Scotland, internationally famed for his work on sugars), the European Situation by A. Mendelssohn-Bartholdy of Hamburg, and Disarmament and Security by Nicholas Politis of Paris. Sir Frederick White and Dr. Umberto Pomilio will be visiting lecturers.

Technology will be represented on the program by Professor Warren K. Lewis, '05, who will lead the discussion on the relation of chemistry to power, and by Professor Norris, who will conduct an open forum on

chemistry in national defense. Dr. Howe will lead the Round-table and General Conferences on the future rôle of chemistry in world affairs.

"It is safe to say that the results of the meeting of the Institute at Williamstown will be of far reaching significance," Professor Norris predicts. "The record of achievement will be positive evidence of the ability of chemistry to meet successfully many of the social and economic problems of the future. The gloomy prophecies of certain economists and statisticians, who study the rapid growth in population, do not take into account what chemistry can do in helping, for example, in the feeding of the people. Not long ago we were told that the world faced starvation because the supply of nitrogenous fertilizers was rapidly becoming exhausted. Chemistry buried this bogey by making nitric acid from the air."

COPLEY SQUARE is a long-standing civic problem seemingly made not to be solved. In 1884 there was a proposition to take the triangle in front of Trinity Church and build thereon an apartment house. Ralph Adams Cram, later to become (1915-22) Head of the Institute's Department of Architecture, wrote a letter to the *Transcript* and the idea was squelched. Later C. Howard Walker, who has been for many years a member of the Technology Staff and is now Special Lecturer in Philosophy of Architecture and the History of Renaissance Art, won a competition with what Mr. Cram refers to as "an excellent scheme for salvaging Copley Square from a state of ugliness." Another plan called for a sunken garden, but it was killed in the General Court and so Copley Square, again in the words of Mr. Cram, was allowed to remain "the scandal which it is today."

Last May Governor Alvan T. Fuller advanced the idea of placing in the Square a War Memorial fountain. This interested architects viewed with mixed feelings of emotion. Most of them seem to be of the opinion that to place a monument in the Square as it now stands would be folly. Rearrange the Square with the memorial as a focal point, they say, and there is something to it.

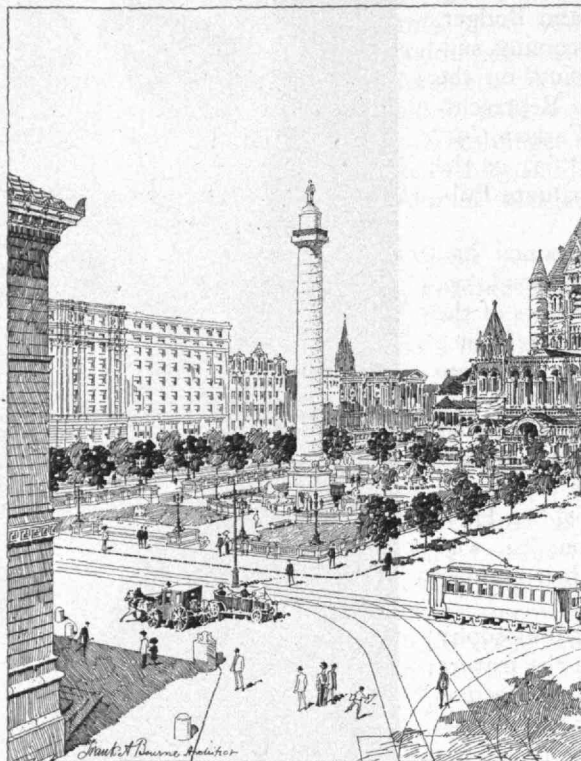
Of course, Mr. Cram was again ready with his opinion, which he gave to the press, and which told just how it ought to be done. Mr. Walker refused to commit himself. If the committee to be chosen to consider the memorial should decide to place it so that it would neither beautify nor make more useful Copley Square, he

would "then be heard from emphatically." Charles H. Coolidge, '83, Chairman of the Committee during Mayor Peter's administration which proposed a war memorial on an island in the middle of the Basin in front of Technology, was also guarded in responding to inquiries from pressmen, although not hostile to the idea.

Several days later, on May 25, when the House Ways and Means Committee held a hearing on the idea, it transpired that the Governor had had several sketches prepared. The first speaker was Ralph C. Henry, '96, from the office of Guy Lowell, '94, who presented sketches prepared by Professor Jacques Carlu, of the Department of Architecture. Also Frank A. Bourne, '95, presented a pen and ink perspective.

After viewing these a great many of those present said a great many words. This time Mr. Walker was "heard from emphatically." He wanted the Square let alone and the Basin-island built instead. Finally the hearing recommended the appointment of a special commission "to study the recommendations," adjourned.

At the moment, therefore, all parties seem inclined to await future developments, although, as the *Transcript* remarked, "perhaps any plan for a fountain in Copley Square would receive the endorsement of the Anti-Saloon League."



WITHOUT FOUNTAIN

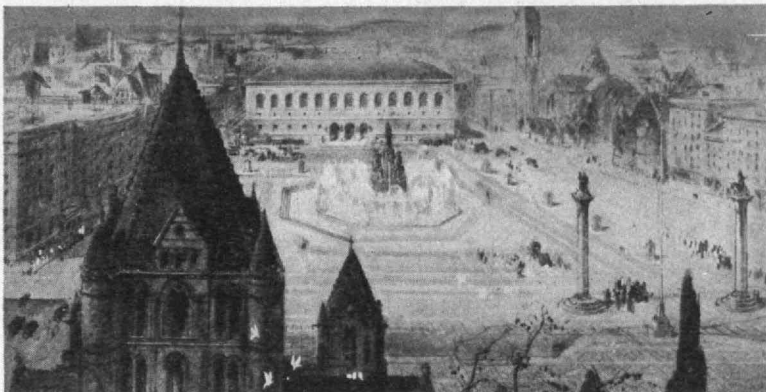
Frank A. Bourne, '95, depicts his proposal for a monument in Copley Square and appears to exhibit a plea for an English influence on the traffic problem. Note the four-wheeler moving Basinward on the left-hand side of Dartmouth Street

APPOINTED by three succeeding White House occupants to the National Commission of the Fine Arts; past President of the American Institute of Architects; architect of two state capitols (Minnesota and Arkansas), two universities (Texas and Minnesota), the New York Custom House, countless lesser structures and the Woolworth Building, Cass Gilbert, '80, has been elected President of the National Academy of Design.

If a visitor to the metropolis, walking down Broadway with eyes and mind centered on a study of the architecture of the high buildings, should stop some of the hurrying crowd to ask, "Who was the architect of the Woolworth Building?" he would probably seek in vain. No one would lack the information that it was the Woolworth Building; that fact is probably known from Maine to Kamchatka and from Louisiana to Hudson's Bay, for the fame of the five-and-ten shops is something that has traveled around the wide world. Probably some of those asked could tell, without hesitation, the number of stories the building extends toward the skies, and a few might guess at the money it cost.

But the modern architect, though eminent, does not come often enough before the public eye to be remembered. It was not so some time ago. Every one associates the name of Sir Christopher Wren with St. Paul's in London and that of Michael Angelo with St. Peter's in Rome.

It must, therefore, be a particular gratification to Mr. Gilbert to be thus signally honored by his colleagues of the National Academy. His election is of special Tech-



WITH FOUNTAIN: BIRD'S EYE

Professor Jacques Carlu's perspective of Copley Square as revised to include a War Memorial Fountain in accordance with Governor Alvan T. Fuller's proposal

nology import as he succeeds Edwin Howland Blashfield, '69, the distinguished mural painter whose works adorn among other places the great Central Dome of the Library of Congress; the capitals of Iowa, Minnesota, Wisconsin and South Dakota; the north wall of Walker Memorial's Main Hall.

TWO decades ago in Washington the American Institute of Architects celebrated a Golden Anniversary. It was the Fortieth Convention of the Institute and at the Sixth Session held in the Corcoran Gallery of Art, its first Gold Medal was conferred on Sir Aston Webb, R. A., Past President of the Royal Institute of British Architects, designer of the architectural surroundings for the Victoria Memorial in front of Buckingham Palace, the Admiralty Arch at the east end of the Mall, the Britannia Royal Naval College at Dartmouth. Since that time this Gold Medal (the highest award the Institute can make) has come to many other worthy recipients. The list includes Henry Bacon, architect of the Lincoln Memorial; George B. Post, designer of the New York Stock Exchange; Charles F. McKim, who restored the White House; Sir Edwin Luytens, designer of the Indian Government buildings at Delhi, and Victor Laloux, architect of the Hotel de Ville at Tours.

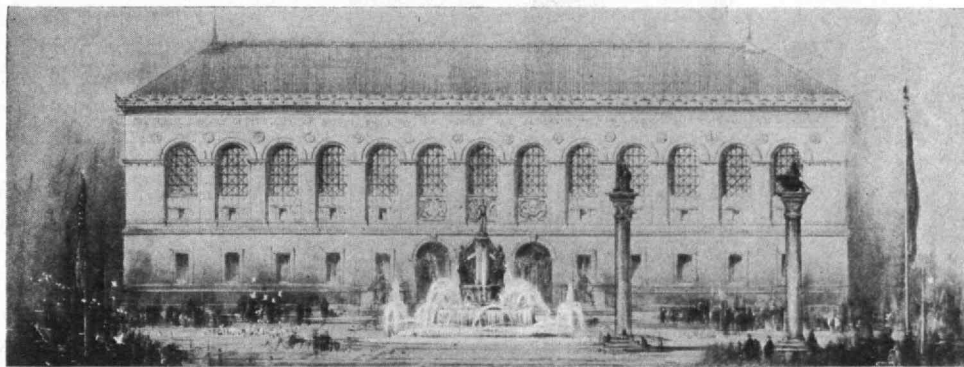
Last May the Fifty-ninth Convention was held in Washington. One sad note stood out from the brisk, business-like air of the assemblage. Howard Van Doren Shaw of Chicago, a Technology alumnus of the Class of 1893 had been selected previously by the Jury of Award to receive the Gold Medal and on the way to Washington he had been stricken with illness necessitating his removal to a hospital in Baltimore. His condition became so grave that the Convention hastened approval of the

Jury's action and the news of its vote came to him in his last conscious moments. His final words were, "I am pleased."

Mr. Shaw's honor came because his design of fine residences was notable for its simplicity and American character in its interpretation of traditional architectural forms. Said Irving K. Pond, in an appreciation written for *The Architectural Forum*, "Howard Shaw has gone . . . out of a world which by word and deed and through his presence he was continually making more beautiful."

SESSIONS of the Fifty-ninth Convention of the American Institute of Architects were held in the spacious auditorium of the United States Chamber of Commerce designed by Cass Gilbert, '80, (*vide supra*) one of its Past Presidents. Many Technology men — and one woman, Miss Eleanor Manning, '06, — were present as delegates.

In the elections Professor William Emerson, Head of Technology's Department of Architecture, was chosen First Vice-President and Director; Frank C. Baldwin, '90, Secretary and Director; Edwin Bergstrom,



WITH FOUNTAIN: CLOSE-UP

A close-up of the Public Library seen through the mists, likewise the work of the Institute's premier Professor of Architectural Design

'99, Treasurer and Director. Among the five former Directors carried over is William J. Sawyard, '01.

Professor Emerson will continue to serve as a member of the Executive Committee and also of the Educational Committee.

Eight of the fifty members selected for advancement to the rank of Fellowship were Technology alumni: A. H. Granger, J. M. Howells and H. G. Ripley of the Class of 1890; Professor H. W. Gardner, '94; A. Owen, '95; J. F. Clapp, '99; W. J. Sayward, '01; R. D. Johnson, '10.

ON MAY DAY, as predicted in the last number of *The Review*, the first commercial photographs sent across the ocean by the process invented by Richard H. Ranger, '11, were published in three morning New York dailies. Paris gown designs, specimens of handwriting, British strike proclamations, copy for a tobacco advertisement, floated through the air following the first photograph which showed Ambassador Houghton, Lord Reading, the guest of honor, and Lord Desborough, the toastmaster, at the Pilgrim's Day dinner in London. Storm and static delayed transmission of this first photograph which took an hour and three quarters.

Subsequently the New York *World* received a photograph of Prime Minister Baldwin in one minute less than an hour. Said its account, "In London, on Wilson Street, Captain Richard H. Ranger, the American inventor, clipped *The World's* photo over a glass cylinder at 10:15 P.M., New York time (3:15 A.M., London time), and in a dim room bent over a group of whirring boxes, where a thin beam of light did a Lilliputian dance. Instantly over nearly 4,000 miles of land and



sea, volts and amperes [sic] cut up strange mystical capers, and down at No. 64 Broad Street, New York, where W. A. Winterbottom of the Radio Corporation kept vigil in a similar small dim room, a pen with a red wax tip moved over a piece of paper and sketched out a facsimile of the photograph in London. The pen marked down the last dot at 11:14 P.M., New York time.

"The receiver in Broad Street recorded even the address which *The World's* correspondent had written on the margin as follows: 'London, World, New York. Baldwin Leaving Downing Street.'"

The arrival in New York of a thousand-dollar cheque made out in London and cashed a few minutes later in New York led one broadcast listener to ask what a million dollars would sound like if he tuned in. He was told that it would probably be difficult for the ear to distinguish the difference between a cheque for \$1.00 and one for \$1,000,000.00, because both would consist of an irregular series of dots and dashes at a fairly constant pitch.

To the average radio set the photo-radiograms would have no meaning; in fact, if they traveled on broadcast wave bands they would be an annoying source of interference in the form of a code signal. However, broadcast listeners need not worry about the pictures or cheques reaching their loudspeakers because the photo-radio apparatus is tuned to a wave length in the thousands.

Five hours after sending began in London, simultaneous transmission from New York was started. Numerous pictures had been filed for the eastward journey, but they were held up until one minute past midnight, New York time, April 30. Then the ether became a two-way channel.

While the first transmission of photographs across the Atlantic by the Ranger process in an experimental way took place on November 30, 1924 (See the *Technology Review* for January, 1925) the recent accomplishment inaugurates a pioneer commercial service available at the moderate tariff of \$50 a picture.

TEN YEARS have elapsed since the Faculty and Alumni paid formal "Farewell to Rogers," after which the former braved the perils of the Charles on Ralph Adams Cram's famed adventure in naval architecture, the *Bucentaur*, and the latter wended their way across the Harvard Bridge, both to be safely reunited on the Cambridge shore to witness the "Masque of Power," and — on the morrow, June 14, 1916, to dedicate the New Technology.

Though but a decade ago, three of the principal actors in that momentous event have passed beyond. The Reverend George A. Gordon, minister of New Old South Church still graces its pulpit; Abbott Lawrence Lowell, who welcomed the Institute to Cambridge, still occupies the Presidency of Harvard; but Senator Henry



TEN YEARS AGO

"... Senator Henry Cabot Lodge, Governor Samuel S. McCall, representatives of the Commonwealth whose name the Institute bears, and Richard Cockburn Maclaurin, who made this new Technology a reality . . ." At the extreme right E. S. Webster, '88



JUNE 14, 1916

The Dedication of the New Technology since which "much has taken place in the world . . . and much has taken place at the Institute"

Cabot Lodge and Governor Samuel S. McCall, representatives of the Commonwealth whose name the Institute bears, and Richard Cockburn Maclaurin, who made this new Technology a reality, are dead.

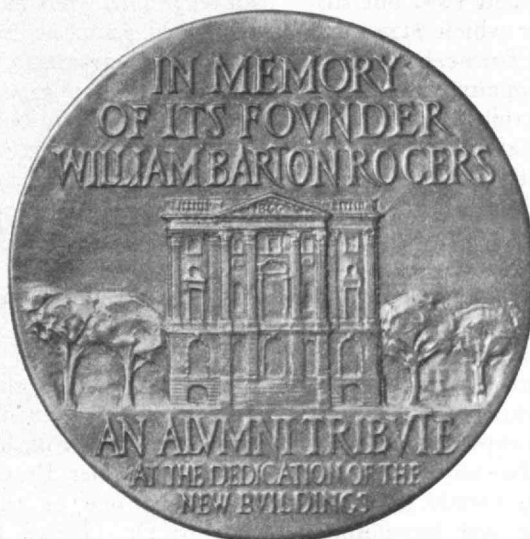
To nearly half of the present alumni body these dedicatory events are but an historical record upon a printed page. To the early pioneers, to those now middle-aged alumni classes, to the then "younger graduates" and to those, who were undergraduates ten years ago, they marked mankind's public tribute to the position of the Massachusetts Institute of Technology at the zenith in technical education in this hemisphere, if not on the entire globe. Were there not 12,000 alumni; was there not a student body of 1900; did not the Faculty and instructing staff number over 300; did not the unrivalled plant represent an expenditure of \$8,500,000 with an endowment of \$5,000,000?

Much has taken place in the world since 1916 and much has taken place at the Institute. There has been a World War, maps have been revised, governments have undergone drastic upheavals, the United States for better or worse has become involved in foreign affairs after over a century of isolation.

Post-war readjustments proved arduous and difficult for nations, for industry, for individuals — and for education. A vast impetus to the latter came quickly. Hordes of students shed the uniform and registered almost in the same breath. Technology received her share and although much of the increase proved but temporary there are now fifty per cent more students than in the fall following the Dedication. The needs of the enlarged staff to care for these were met by the generous donations of Mr. Eastman and the gifts of Alumni and others. Today there are five times as many graduate students as there were in 1916; additions to the plant

have been made so that its "book" value now is \$4,000,000 more than in 1916; the present endowment is \$28,000,000. Contrast this with a decade ago.

What will another ten years bring forth?



FUNDAMENTAL facts and figures upon which physical science is built are being brought together for the use of the world in the International Critical Tables, the first volume of which was issued in May. Dr. Edward W. Washburn, '05, is Editor-in-Chief of this work, which is being published under the direction of the National

Research Council and the National Academy of Sciences. The pre-publication orders totalled nearly 6,500, exceeding by several times the total estimated sales. Millions of experiments extending over years of time in the various laboratories of the world were necessary to produce the hundreds of pages of explanations and statistics that will be included in the five volumes of the completed work.

The first volume contains the accumulated data on no less than 9,534 different chemical compounds, the new and old facts of radio-activity and transmutation, astronomical and geodetic data, and a comprehensive discussion of the most recent developments in the field of atomic structure. Along with the international metric system and a listing of the seventy-four countries in which it is now compulsory are the local systems of weights and measures in use in twenty-five conservative countries still using the English system. The measures of the Pharaohs and of the ancient Chaldeans may likewise be found side by side with their modern equivalents in feet and meters, gallons and liters.

COINCIDENT with the publication of this issue of *The Review* a distinguished company of American scientists and industrialists are studying the great industrial museums of Europe in the interest of the New York Museum of Peaceful Arts (projected in 1909 but suspended during the World War), for which \$1,000,000 was provided in the will of Henry R. Towne, head of the Yale and Towne Manufacturing Company, who died in October, 1924. Numbered among this company are President Samuel W. Stratton, and Calvin W. Rice, '90, Secretary of the American Society of Mechanical Engineers and Secretary of the Museum. Dr. Stratton will investigate exhibits bearing upon ship models and ship and airplane navigation.

"To impress upon the public the importance and value placed by me in such museums," the decedent, Mr. Towne, called attention in his will to the fact that "the United States is the greatest industrial nation in the world and [has] many magnificent museums of ancient and modern art. . . . [But it does not] possess any permanent exposition of American achievements in the peaceful arts, including agriculture, animal industry, forestry and wood-working, mining and metallurgy,

transportation and communication, engineering and architecture, industrial chemistry, electrical mechanisms, aeronautics, textiles, building trades and all of these including products, processes and implements."

OFTEN on the fiery rim of Kilauea, Hawaii's most famous (and the world's largest active) volcano, sits Dr. Thomas A. Jaggar, Jr., quondam (1902-17) teacher of geology at Technology, who forsook that to ponder on the moods of the earth's safety valves.

His recent prophecy that Mauna Loa, companion of Kilauea sixteen miles to the westward, was about to become unusually active was fulfilled when lava overflowed the rim and destroyed a village that lay in its path. This warning gave natives time to escape from their homes and brought him such prestige as hitherto had been associated only with the vision of Pele, ancient goddess to whom the natives once prayed to save them from the volcanoes. Now Dr. Jaggar sees signs that indicate that old Kilauea soon will pour fire and smoke from its crater with the probability that a stream of white-hot lava will plow down its eastern slopes. Two years ago last May when Kilauea's "Lake of Living Fire" rose thirty feet in one day and overflowed, its area was over forty-five acres, nearly eighteen city blocks.

However, he sometimes gives more comforting news, for on June 2, when he landed at Los Angeles on his way to Washington, he predicted the development of an earthquake annunciator so simple that one may be placed in any home, yet so accurate that the approach of earth tremors may be observed in time to rob them of the disastrous effect. Needless to say local pressmen seized upon his statement, evening editions carried the message of hope to the homes of Southern California's metropolis.

FOR 1925 the Franklin Institute awarded its Franklin Medal to Elihu Thomson, former acting President of Technology and for many years a Life Member of the Corporation. For 1926 it has been given to Neils Bohr, Director of the Institute for Theoretical Physics at Copenhagen, and to Samuel Rea, former President of the Pennsylvania Railroad, but one of the two Elliott Cresson Medals goes to Dr. George Ellery Hale, '90, Honorary Di-



Photo by Times Wide World

ANTHONY H. G. FOKKER

Maker of airplanes in his native Holland and the United States, who addressed the Aeronautical Engineering Society in Walker Memorial on May 12 and accepted congratulations on the performance of his Josephine Ford, first plane to circle the North Pole

rector of the Mount Wilson Observatory, inventor of the spectroheliograph, and discoverer of many facts about the sun.

The Cresson Medal is the oldest award of the Franklin Institute, being established "Under the date of February 18, 1848, [by] Elliott Cresson, Esq., of Philadelphia" who stipulated that it was to be awarded "in all instances . . . either for some discovery in the arts and sciences, or for the invention or improvement of some useful machine, or for some new process or combination of materials in manufactures, or for ingenuity, skill or perfection in workmanship."

Professor Thomson also received the Cresson Medal in 1912, by a coincidence in the same year as did President Samuel W. Stratton, then Director of the United States Bureau of Standards, for "leading work in metrology." Albert Sauveur, '89, received it two years earlier for his "metallography of iron and steel." The late Henry Marion Howe, '71, won it twice, in 1892 and 1895.

IF ANY Technology alumnus ever filled a post to complete perfection it was George Crocker Gibbs, '00, as Director of the Technology Bureau of the American University Union in Paris during the late war. He landed at Bordeaux on March



© F. Bergere, Paris

BACK TO FRANCE

George C. Gibbs, '00, former Director of the Technology Bureau of the American University Union, returns to Paris as Canon of the American Pro-Cathedral of the Holy Trinity on the Avenue George V

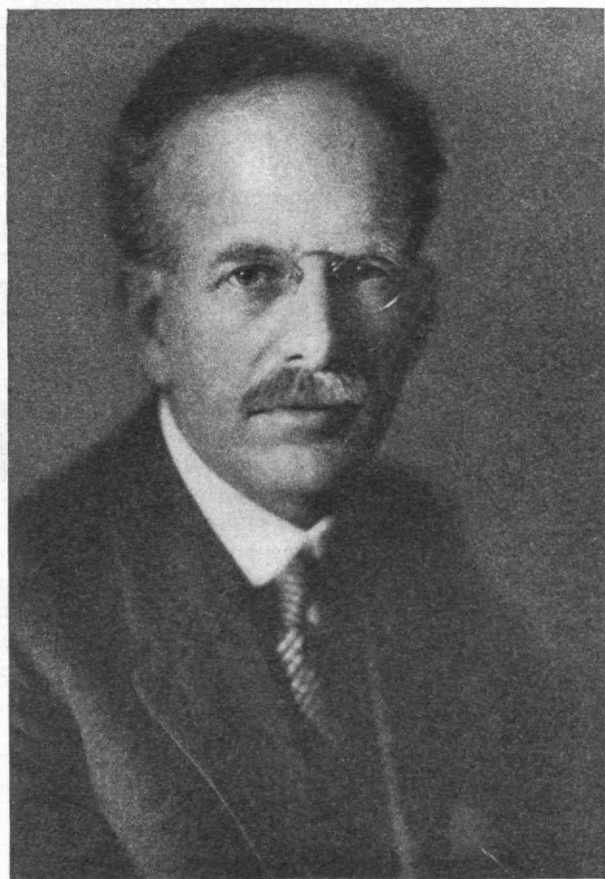
19, 1918, and reached Paris a day later. What he did between the time of his arrival at Paris, just previous to the bombardment of the city by the long range German "Bertha" whose shells struck the church of St. Gervaise on Good Friday morning, and August, 1919, when he returned to the United States has been adequately recorded in the Technology War Record and The Review for November, 1919, in so far as publication of an account or factual report makes possible.

That he did it every Technology man who was in the A. E. F. will testify, but to describe how he did it is not such an easy matter. Although many have attempted to do so, all have but partially succeeded and the exact mechanism of Gibbs' "method" will in all probability remain a mystery for all time to those who did not experience it.

Last May 18 Mr. Gibbs relinquished his Assistant Rectorship of Trinity on Mr. Cram's abhorred Copley Square and again set sail for France. This time he traveled across a non-submarine-infested ocean to enter upon more peaceful duties as Canon of the American Pro-Cathedral of the Holy Trinity on the Avenue George V in Paris, the center of the activities of the American Episcopal Church in France.

Even the most casual reader of these paragraphs will be wishful to congratulate him upon this new appointment. Those whose memories hearken back eight years or so to times spent in the Royal Palace Hotel suite at the foot of the Rue de Richelieu overlooking the Place du Théâtre Français will be equally, if not more inclined, to congratulate the American Pro-Cathedral.

JOHN BAKELESS, for five years Associate Editor of *The Living Age*, spoke before the Faculty Club at luncheon on May 5. His subject was "The Origin of the Next War," similar in title to his latest book, published but a few weeks before. A Williams and



GEORGE ELLERY HALE, '90

Now Cresson Medallist of the Franklin Institute in addition to his many other honors

Harvard graduate, he held commissioned rank in the World War and is at present a reserve officer of the 301st Infantry of the 94th Division. Mr. Bakeless is neither a fatalist nor a futilist on the subject of war but in his speech and writings claims the attention of listener or reader by conveying the impression that he is bursting with quiet facts. He did not pretend that a World War would come next week or that it would come at all, but he pointed out the alarming similarity of war-producing forces before 1914 and after 1918, "an important truth that has been glanced at and expertly avoided in a thousand editorial paragraphs and as many political speeches."

His thesis argues for a study and classification of the causes of war such as the obvious and immediate occasion of hostilities (the violated neutrality of Belgium, the Boston Tea Party, the blowing up of the *Maine*) and the "true" cause—deep-seated conflict of national interests, "which, though perfectly apparent to a nation's responsible statesmen and a few scattered students of international politics, is but vaguely felt and understood (if it is felt and understood at all) by the people who have to fight the war." He pointed out that from the Congress of Berlin in 1878 to the outbreak of the World War in 1914, there were some "twenty full dress wars" which left the world only four entirely peaceful years. "Since the armistice we have not had one." Colonies to serve first as an outlet for superfluous population and later as markets for home industries and food-stuffs, access to raw materials and to the sea and control of trade routes, these are some of the underlying reasons for which wars are fought.

"The solution of the whole problem is simple enough. We need but study the underlying causes of modern war, spread a knowledge of them among the people who must do the fighting, demonstrate the relatively slight chances of profit in warfare under modern conditions, and suppress the peace-at-any-price folk, whose emotionalism interferes with the strenuous intellectual endeavor such a task requires."

DOWN the corridor on June 19 trod their entourage, Gustavus Adolphus and Crown Princess Louise in the lead. Pausing a moment before the former editorial rooms of *The Review* they hesitated, then moved by the right flank into the President's office. Later they toured the buildings under escort; left for Harvard.

So might have read this story if original plans had not miscarried. As it was the Prince and Princess did not pay their respects to *Technology*, but went directly to Harvard.

Up until a late hour before going to press, Robert Emmons Rogers, erstwhile Editor of *The Review*, author of "Foch—And a Moral," refused comment. A servant at his North Shore residence said over the telephone that Professor Rogers had been writing for some time and ought not to be disturbed.

AMONG eighty-nine alumni magazines published throughout the United States exist a variety of conception on what a cover design should be. Some are of type, unembellished. Some reproduce a

photograph along with it, varying the illustration from issue to issue to lend differentiation to the passing numbers. Some are made from half-tones of clay-modeling; some are hand-lettered and decorated designs of the open-work plumbing period in American decorative arts; some, in a fine profusion of the products of the type-foundry, hark back to the brave old days of the "rule-twister," when he was the finest compositor who could distort brass the most fantastically. Many are excellent, most fall in a middle category, a few are ghastly.

At the annual convention of Alumni Secretaries and Editors held this year in Columbus, Ohio, on April 15-17, these eighty-nine magazines came in for some close scrutiny. Inside and out they were examined by a corps of interested authorities. J. L. Morrill, Editor of a valued contemporary, *The Ohio State University Monthly*, delivered an address on the cover design of an alumni magazine, and what it should be. As conclusion he presented three specimens of what a jury decision had rated as the best designs among the eighty-nine and lo! *The Technology Review's* name led all the rest. The *Harvard Alumni Bulletin* was second, the *Pennsylvania Gazette*, third. Confused but happy blushes covered *The Review's* editorial countenances at this generous pronouncement.

To Samuel Chamberlain, '18, goes the overwhelming credit for the extraordinarily fine pencil sketches of the Institute Buildings which have this year served as the central panels. For the lettering, the laurel wreath is bestowed upon Kenneth Reid, '18, now Associate Editor of *Pencil Points*. The technical details of arrangement and reproduction were specified in the Review Office, and modesty forbids mention of the gifted Young Man responsible for them.

Artist Chamberlain and t. R. g. Y. M. decamped for Paris shortly after the announcement (the latter evading pier admirers by cancellation of 2nd-class passage on one ship to occupy the state suite on another) and are now enjoying bouquets of a different sort, equally exhilarating, just as pungent. Cabled advices portend better (they can't be made bigger) covers for Volume XXIX to be published in 1926-27.

REGRETFULLY *The Review* Editors are forced to announce that, although this issue includes sixteen pages more than our normal size, the limitations of space due to the unprecedented volume of *News From The Classes and the Alumni Clubs* makes necessary the complete omission of thirty-one columns of major articles (previously contracted for from the pens of Albert Busbnell Hart, James F. Norris and Frederick G. Clapp, '01), three pages of *The Architectural Bulletin* and an entire special section originally planned to report the Class Reunions.

THE REVIEW is not published during the summer months following July. This issue concludes Volume XXVIII. Number 1 of Volume XXIX will be published on October 29, and dated November. Readers who bind their copies of *The Review* are reminded that if they possess eight numbers of Volume XXVIII, their files are complete. A printed index to the Volume will be ready on September 15 and will be supplied post-free upon request.

The Cincinnati Meeting

Being a condensation of the discussions in the business sessions of the recent assembly of The Technology Clubs Associated, together with a digest of the legislation effected

TWO years ago in Detroit, J. Lloyd Wayne, 3rd, '96, of Indianapolis, was of the opinion that somebody ought to review the purpose, plan and scope of The Technology Clubs Associated. In fact, he made a motion that a committee be appointed to do so; the motion was passed and logically Mr. Wayne was appointed its chairman. Last April 23, he presented the fruits of his labors to the assembled delegates of the Eighth Convention of the Technology Clubs Associated at the Hotel Alms, Cincinnati, Ohio. The report, he said, was made to provoke discussion and in that respect it was a success. But, it had a greater significance than merely as a catalyst to discussion; it effected organization changes dividing the federation into regional districts, scrapped certain Vice-Presidencies, brought into being an imposing array of committees on publicity, schools, scholarships and — on service to the Institute.

"It seems to us," read Mr. Wayne, "That The Technology Clubs Associated should not be dismissed lightly. . . . Does it react favorably upon the public? Does it stimulate the interest of those of the local society which is host? Is its effect felt at the Institute, either among the student body or Faculty? Those having experience or opportunity to observe or feel these things we hope will speak, and from their experience the problem may be solved."

As a preliminary to a consideration of the problem he then reviewed the history of the organization which came about through a proposal from the governors of The Technology Club of New York (made upon the suggestion of Lester D. Gardner, '98, in the summer of 1912) that the New York Club "celebrate its tenth anniversary by holding a meeting of the associated Technology Clubs of the United States in New York during the early part of January, 1912." The Alumni Association approved and agreed to hold its annual banquet in New York that year as an incident to such a meeting. Two days, January 17 and 18, 1913, were designated and a total number of 781 registered for the class luncheons, departmental meetings, smoker and banquet.

Two hundred and fifty attended the second convention in February, 1914, at Chicago; about the same number were at Pittsburgh in February, 1915. As a fourth meeting representatives of the various clubs had assembled in Room 22, Rogers, in June, 1916, at the time of the Dedication Reunion. In April, 1917, the Clubs convened at Cleveland and met for serious discussion. "War had come. 'Technology's Opportunity for Service' was the topic." Since the war, meetings were held at Philadelphia in March, 1920, and at Detroit in May, 1924, but at each of the meetings since the war the attendance of other than resident Alumni had dwindled and "we

see one host after another . . . in a more and more embarrassing position when he attempts to make his plans for us. . . . We must further remember that in 1913 there were forty clubs. Today we have nearer seventy. Again, the numbers available to be drawn upon are, at the two dates, in the ratio of thirteen to twenty-five, an increase of almost 100 per cent.

"Has the Technology Clubs Associated a tendency to cease to function? Did it ever have a real function? If not, can we adjust it to form a desirable function, under the stimulus of which it will go forward and prosper? These are the questions we must answer.

"They are not new questions. Mr. Gardner, himself, stated that his original idea in 1912 bloomed into something much more elaborate than anything he had in mind. . . . The Gardner idea went like wildfire. The New York meeting and the Chicago meeting bear testimony to that. In 1913, President Maclaurin said, 'The New York Reunion means that the whole body of Alumni are rousing themselves to a new sense of responsibility as representatives of the Institute of Technology. . . .

"Do the men still feel as President Maclaurin said they did? Since 1913, great works have been accomplished. We have the new site, the New Technology, the great endowment drive, the great war activities, all successfully accomplished. Maybe we are merely reflecting the peace of mind following tasks accomplished.

"Someone should have the knowledge to venture an answer. It is hard for us to believe that there is any fundamental retrogression in the Technology spirit."

Following which Mr. Wayne gave some tentative suggestions and concluded. The chairman of the meeting, Morten Carlisle, '90, of Cincinnati, asked for discussion. Orville B. Denison, '11, claimed the privilege of the floor, stated that he had just completed a 10,425 mile trip among the clubs south of Washington and west of the Mississippi, deplored the "entire lack of tying together of the interests of the clubs that seems to exist."

Several speakers offered suggestions for arousing interest. Curtis C. Webb, '10, of Louisville, Ky., proposed that member clubs pay dues to the federation; Thomas C. Desmond, '09, of New York, wanted the meeting dates fixed to make possible the attendance of the President of the Institute and members of the Corporation Executive Committee; William R. Kales, '92, of Detroit, emphasized the importance of securing the presence of accredited delegates from clubs instead of striving for a large total registration; Fred W. Morrill, '07, of Cincinnati, cited that the preliminary publicity for the present meeting had been addressed to Club Secretaries suggesting that they each send two delegates



Woodcut by Kenneth Reid, '18
SAMUEL C. PRESCOTT, '94

and that most of those nearby were so represented. Then Mr. Wayne discussed some of these suggestions; Stuart R. Miller, '07, favored division of the federation into regional groups, which idea was seconded by Lester Brock, '07, of Akron, and Dugald C. Jackson, Jr., '21, of Louisville. Frank W. Willey, '08, of Cincinnati, diagnosed the problem as a "selling job", both the chairman and John M. Hargrave, '12, of Cincinnati voicing agreement with him.

It was at this point that Charles H. Paul, '96, of Dayton, Ohio, asked the pertinent question, "What is the purpose of the Technology Clubs Associated? It may mean much or little. We say, 'to promote the general interest and social relations between the various Technology Clubs.' That may mean a great deal, or it may mean nothing. . . . I would like to have somebody tell me what this association is for; and how it is going to function; and how it is expected to promote this general interest we talk about. And then, secondly, I think we had better forget our present plan, and see if we can work out some other plan that will promote this general interest without trying this matter of getting our members to come to occasions like this from all over the country."

Mr. Paul's remarks focused the discussion. Mr. Desmond answered by referring to the activities of the Associated Harvard Clubs. He said that his conception of the proper function of the Technology Clubs Associated would be to bring the officers of the Institute into touch with the thought and opinion of the rest of the country, to keep Technology from becoming a sectional institution, to assist in attracting the most desirable students and to insure the preëminent position of the Institute in the field of technical education in the United States.

Professor Warren K. Lewis, '05, Head of the Department of Chemical Engineering, being asked to give his views, maintained that the Institute needed some sort of contact with its Alumni, that the Institute was doing a national and international work, that in order to maintain its prestige it must procure "the right sort of students from all over the country. We cannot do that at Cambridge. You are the people who have to do it. . . . The men who are going to convince prospective students must be our graduates in all parts of the country. The younger graduates who have just been out two or three years are in reasonably close contact . . . but you older fellows do not know what the Institute is doing today and if you are going to 'sell' the Institute you cannot 'sell' it on the basis of mere blow or mere enthusiasm. You must 'sell' it on the basis of facts; and you have got to get the facts.

"Now as I see it, one of the important functions of this Association ought to be this: to have us at the Institute come to you and try to tell you what we are doing, and convince you of its worth-whileness, and convince you that we are still holding the Institute in the van of technical education, so that you in turn can

go back and 'sell' your Technology Clubs. In this way Alumni all over the country can see to it that the prospective young engineer knows what the Institute can offer him so clearly that his decision, if he is a worthwhile fellow, if he is the sort of material that the

Institute wants — will be in favor of the Institute. . . . That is the kind of thing that The Technology Clubs Associated has to try to do. You are the only group of men in the world who can do it. But you cannot possibly do it unless you know the facts, and you must know them well. You must organize the work and you must do it, or it will remain undone."

Mr. Denison and Mr. Wayne interjected comment agreeing with Professor Lewis' remarks, after which interlude the chairman tendered the floor to Professor Samuel C. Prescott, '94, Head of the Department of Biology and Public Health and Vice-President of the Alumni Association. He, too, agreed with Professor Lewis, invited constructive criticism of the Institute by the Alumni, urged a closer coöperation between the

federation and the Alumni Association and then disclosed the proposal of the Institute authorities to establish "regional scholarships", which has been under consideration by a joint committee of the Faculty, Corporation and Alumni Association.

"There is no question about the national and international character of the Institute. Our men go out to all parts of the country and they do excellent work. We hope to have men come from all parts of the country to the Institute and get their training there. And we believe that if that can be properly brought about it will be of very great service to the country. . . . Here is a matter in which the local clubs can be of very great service — in fact, the local clubs are to be *drafted* for the service.

"The way in which this plan is to function is as follows: the country is to be divided into a series of districts — ten have already been proposed. In each one of these districts there is to be established an annual freshman scholarship carrying tuition: that is, \$300. It has also been suggested, although the matter has not gone as far as the freshman scholarship idea, that we establish a series of graduate fellowships on this regional basis.

"Nominations for the scholarships are to be made by a committee of three Alumni residing in the several districts. I think you will see right away that here is a job for the local clubs in a particular region. Here is a common purpose which can actuate all of the men constituting those clubs to do something for the best interests of the district and to do something for the Institute.

"It is proposed to give these freshman scholarships to very promising men. The applicant must be an American citizen. He must be in good health. His standing in his studies must be high. Finally, and most important, he must have shown aptitude for



Woodcut by Kenneth Reid, '18

THOMAS C. DESMOND, '09

work along the lines of the Institute courses and have that character and ability which gives promise of future accomplishment.

"Now just think for a moment what it will mean if we can put this plan into operation. In one year we will have ten men from different parts of the country who are picked men. In four years we will have forty men, and there will be constantly those forty men of the finest character going to the Institute for training."

Professor Prescott elaborated the administrative details of the selection of candidates, stated that the idea would not interfere with the plans for scholarships to be awarded by certain of the local clubs but would supplement it. When he had finished it was evident that he had carried the meeting with him. Arthur S. More, '02, of Rochester, moved a formal vote of approval and it was passed without a dissenting voice. However, almost immediately several delegates wished to speak at once, mostly on the same subject, and for a while motions, amendments thereto, withdrawal of motions, substitute motions, and counter suggestions nearly brought about a legislative jumble with a two digit exponent. Many were in favor of dividing the federation into districts but each had a different number in mind; some advocated the same number of divisions as "regions" in the scholarship plan (determined on the basis of alumni population); others could not agree with that idea at all. After considerable discussion a committee was appointed to incorporate what seemed to be the prevailing thought of the meeting and draft suitable legislation for action later at the evening meeting. And again Mr. Wayne was appointed a committee chairman.

The round table on local club scholarships was next on the order of business. Delegates from Akron, Louisville, New York City, Rochester, Detroit and Cincinnati, reported that their clubs either had offered or expected to offer scholarships in the near future. Some of these scholarships are to be awarded as loans, some without obligation for repayment by the recipients.

Before adjournment of the afternoon session the chairman announced the personnel of Mr. Wayne's committee as: Prescott, '94, Boston; Paul, '96, Dayton; Webb, '10, Louisville; Kales, '92, Detroit. He also announced the appointment of a Committee on Committees with Mr. Denison as Chairman, other members being: More, '02, Rochester; Desmond, '09, New York; Jackson, '21, Louisville; Brock, '07, Akron.

At the evening session, which was presided over by Stuart R. Miller, '07, of Cincinnati, these committees reported. With certain minor changes the recommendations, which took the form of amendments to the previous constitution of the federation, were adopted, subject to the approval of the Executive Committee of the Alumni Association and subsequent ratification as provided for in Article VIII. Mr. Desmond was elected President of the Associated Clubs; George B. Jones, '05, of Chicago was elected First Vice-President; Mr. More, Second Vice-President; Mr. Denison, Secretary-Treasurer. It was voted to hold the next meeting in New York City at some time during May, 1927.

The following are pertinent provisions in the reports

submitted by Messrs. Wayne and Denison as accepted in principle by the meeting:

(a) The name of the federation is to remain "The Technology Clubs Associated." Its purpose is to be the promotion of all matters pertaining to the welfare of the Institute and the establishment of close relations between the Institute and the Alumni.

(b) Any Technology Club shall become a member of the Association upon filing a written application with the Secretary-Treasurer.

(c) The President of the Technology Clubs Associated is to continue ex-officio as a Vice-President of the Alumni Association. There are henceforth to be only two Vice-Presidents of the Technology Clubs Associated. The Secretary-Treasurer of the Alumni Association is to continue to occupy the office of Secretary-Treasurer of the federation. These four officers are to constitute the Executive Committee. Each of the officers is to be elected for a term of five years at the regular national meetings of the federation, interim vacancies to be filled by appointment by the Executive Committee. Each club is entitled to one vote in the election of officers.

(d) The federation is to be divided into regions coincident with those established by the Institute authorities for the purpose of regional scholarships. Each region is to be presided over by a Director appointed by the Executive Committee for a term of two years. Each affiliated club is to belong to the region within which it is located. Clubs outside of any such regions are to be assigned to a region by the Executive Committee.

(e) Each region is to hold a meeting at least once in two years; regular national meetings of the federation are to coincide with All-Technology Reunions; special national meetings for specified purposes may be called by the Executive Committee; during years of regular national meetings no regional meetings are to take place.

(f) There are to be five standing committees to be appointed by the President at each regular meeting within thirty days after his election:

1. On Service to the Institute — to consider and report to each regular meeting the ways in which the Technology Clubs Associated can coöperate most effectively with the Institute.

2. On Publicity — consisting of representatives of constituent clubs, and such other members as the President may appoint, to coöperate in the dissemination of news and information about the Institute.

3. On Schools — composed of the chairmen of the schools committees in all constituent clubs, to assist constituent clubs to establish cordial relations with secondary schools and colleges.

4. On Scholarships — composed of the chairmen of the scholarships committees in all constituent clubs, to assist constituent clubs to establish, maintain and operate local scholarships for students at the Institute.

5. On Nominations — consisting of the last five living ex-Presidents, with the latest ex-President as chairman. In case of inability of any of the five to serve, the President shall fill the vacancy.

(g) The Constitution may be amended at any general meeting of the federation, subject to the approval of the Executive Committee of the Alumni Association.

A National Technology Center

From the originator of the idea, a concise statement of the plans, aims and potential accomplishments of the much discussed plan

THIS plan for a National Technology Center is no mere plan to provide a new Clubhouse for The Technology Club of New York. It is something much greater in scope than that. And as the name signifies it is a matter of national and even international interest and concern. New York City is selected as the best location because New York is the metropolis of the United States and unquestionably the city above all others which Technology Alumni visit most often. I would venture the assertion that ten western Alumni visit New York every year, either on business or on pleasure bent, to every one that goes to Boston. Since New York City is the business metropolis of the United States, it is also the logical place to locate the enlarged employment and personnel service department, which it is planned to make a very important feature of the National Technology Center.

The proponents of, the National Technology Center visualize it as a combination office and club building, about twenty-five stories high, located on a suitable plot, somewhere in the Grand Central Terminal Zone in New York. A location somewhere near the Grand Central Terminal is suggested because it is in the present fashionable club district of New York and this district is also becoming an office building district of growing importance. By another happy circumstance also the Grand Central Terminal district of New York is the district in which most architects and most engineering firms prefer to have their offices.

It is expected that such a twenty-five story combination club and office building would cost about \$3,000,000 for land and building complete. It is hoped that a million dollars or more toward the cost of this building would be procured by gifts to the Institute from Alumni and others who think that such a National Technology Center would be very helpful in broadening the influence of the Institute and its graduates. The balance of the money necessary to complete and equip the building would be obtained either from a first mortgage institutional loan or a bond issue.

By THOMAS C. DESMOND, '09
President, The Technology Club of New York

MUCH has been heard since the presentation of the original project last November of "The National Technology Center" proposed for establishment in New York City. Not until now, however, has the opportunity come for a definitive statement by the original proponent of the idea, Thomas C. Desmond, '09, President of the existing Technology Club of New York.

In this brief article, which is based upon some of the remarks of Mr. Desmond at the recent meeting of The Technology Clubs Associated in Cincinnati, are for the first time set forth some of the details which have given rise to past questioning. Mr. Desmond makes it quite clear that his idea far outreaches the simple notion of a new Technology Club for the benefit of New York City residents.

In principle the Alumni Council endorsed the Desmond proposal at its meeting on December 21. In principle also the recent Cincinnati meeting of the Associated Clubs gave warm endorsement. In other circles the idea has some proponents, some opponents. It is the hope of the Editors that the publication of this article may result in the stimulation of a discussion on a wider and more thorough-going scale than before.

One or more floors of the National Technology Center should be reserved for offices for the President of the Institute and the various members of the Institute staff, who constantly come to New York on the business of the Institute. There would be, in addition, offices for Institute professors who come to New

York on consulting work. President Stratton, often has to spend several days a week in New York, on Institute affairs, and I do not believe that anyone who has not looked into the matter realizes how often other officers of the Institute as well as the various Institute professors have to come to New York on important business, and what a convenience suitable headquarters in the National Technology Center building would be for them. An important feature of the National Technology Center building would be also provision for conference rooms, stenographic service, and the like for Technology Alumni throughout the country, particularly western Alumni who come to New York on business negotiations and desire to have temporary office accommodations

while they are in New York and a place where they can obtain mail and conduct conferences and other business negotiations.

Several floors of the National Technology Center building would also be devoted to clubrooms, including an adequate club restaurant and a meeting room or lecture hall. In addition, a number of bedrooms should be provided for the use of out of town Alumni visiting New York.

A greatly enlarged employment and personnel service department should be provided in the National Technology Center building for the benefit of the approximately 21,000 former students of the Institute now scattered throughout the country. It is difficult for me to refrain from over emphasizing the good which I think such a properly managed employment service could do for the former students of the Institute. Of course, few Technology men are ever out of a job, but we want to see Technology men occupying the very highest

technical positions throughout the country. New York City is the place where most companies of national importance have their headquarters and it is of course also the place where the best paid positions are all located, even if occupants of those positions reside in other parts of the country. When a general manager, for instance, for a factory located in the West is to be appointed, the final decision as to his appointment often rests with some higher authority located in New York City. It will be the duty of those in charge of the National Technology Center employment service to keep constantly in touch with important employers who are likely to need the services of well equipped Technology men and to endeavor to secure such positions as they may become open, for former students of the Institute.

I personally believe that the Alumni Association should have its central headquarters in the National Technology Center building in New York, instead of in Cambridge, as at present. I think that the officers of the Alumni Association, such as Mr. Denison, who is now Secretary-Treasurer of the Alumni Association, could do their work more effectively from New York City headquarters than from their present Cambridge headquarters, because it is so much easier in New York than it is in Cambridge to keep in touch with the many more Technology men who are constantly coming to or passing through New York. This is a debatable question, however, and it might be well for a while to maintain alumni headquarters both in Cambridge and in New York.

The rest of the space in the National Technology Center building which is not needed for the time being for Institute purposes, should be rented out as offices to commercial firms, giving firms and companies in which Technology men are interested the first preference. I am sure that the National Technology Center building, with the prestige of the Institute behind it, would be regarded as a very desirable office building and that space in it could be easily rented for commercial purposes. It seems to me also that a twenty-five story building of this monumental character, located in the heart of New York, owned by the Institute and used in large part for the good of its former students, would be a great national advertisement for the Institute and very helpful in a number of diverse matters.

Although, as I have previously stated, the National Technology Center will contain an entirely adequate Technology Club, which will serve the same purpose for our former students as the Harvard Club of New York, serves for Harvard men, I would like to see the National Technology Center building and its club tend more toward useful service than the merely social. In other words the Center and its club would differ from an almost purely social club like the Harvard Club of New York in somewhat the same way as the Institute itself differs from Harvard. I mean to emphasize that in my

judgment, the Institute should have in New York more of a sort of service center than a social club.

With regard to the design and construction of this building, I should like to see it handled as an All-Technology affair. There are a number of Technology architects in the New York vicinity experienced in club and office building design and a number of Technology contractors also experienced in such kinds of construction. It seems to me that it would be possible to form a combination of Technology architects who could give very competent advice on the design of the building. The honor of having part in the construction would be such that it should be distributed among several New York Technology contracting firms who would be willing to combine parts of their several organization to carry out the work of constructing the building. I realize that there are certain practical difficulties in effecting combinations of architects and combinations of contractors, but I think that such difficulties could be adjusted so that all of the various Technology men who are experienced in the technical work relating to the design and construction of this building and who desire to have the satisfaction that would come to them from assisting in the building could do so.

I think that it would also be a splendid accomplishment if, so far as may be practicable, all of the material for the building could be obtained through companies in which Technology men are interested and in general that all of the technical problems connected with the construction of the building should be handled exclusively by Technology men.

The idea behind the National Technology Center has already been endorsed in principle by the Alumni Council, by Dr. Stratton, and James P. Munroe '82, Secretary of the Corporation. Many other prominent Technology Alumni have given the plan their public endorsement. Over the next few months our desire is to give this new idea as much publicity as possible and to explain it as carefully and as thoroughly as the means may permit to various Technology Alumni throughout the country. Our hope is, that as Alumni think over this plan, many will decide that it represents a step forward for the Institute and that the proposed building will be highly utilitarian and should be built. Our desire is not to ask for any contributions at present but first, by every means within our power, to find out if Technology Alumni throughout the country want such a building. If as we hope, the announcement for this plan of the National Technology Center should result in practically unanimous approval among Technology men throughout the country, there are a few of us in New York who think we know where a million dollars can be secured as a gift to the Institute for this purpose. But we do not want to ask such potential givers for the money unless we are certain first that such a National Technology Center building is desired and will be used and appreciated by Technology men.



Visiting Committee Reports: V. Departments of Electrical Engineering and Physics

Report of the Corporation Visiting Committee on the Departments, published by arrangement with the Corporation Executive Committee

RECOGNIZING the close relations existing between the Departments of Electrical Engineering and Physics as referred to in previous reports, it seemed desirable to have a joint meeting of the Visiting Committees of the two departments. An Advisory Committee representative of the electrical industry was appointed by the President of the Institute in behalf of the Department of Electrical Engineering.

The meeting of the committees was held at the Institute on Tuesday, March 9, 1926. Eight members of the Committees were present and the President, Professor Jackson and Professor Bush of the Department of Electrical Engineering, and Professor Norton of the Department of Physics attended the meeting.

Students.— There are 711 students in the Department of Electrical Engineering, compared with 674 last year (this is 25% of the total enrollment of the Institute compared with 23% of last year) and 24 in the Department of Physics, compared with 19 last year. Of the number in the Department of Electrical Engineering, 103 were graduate students, compared with 70 last year (which is 30% of the total number of gradu-

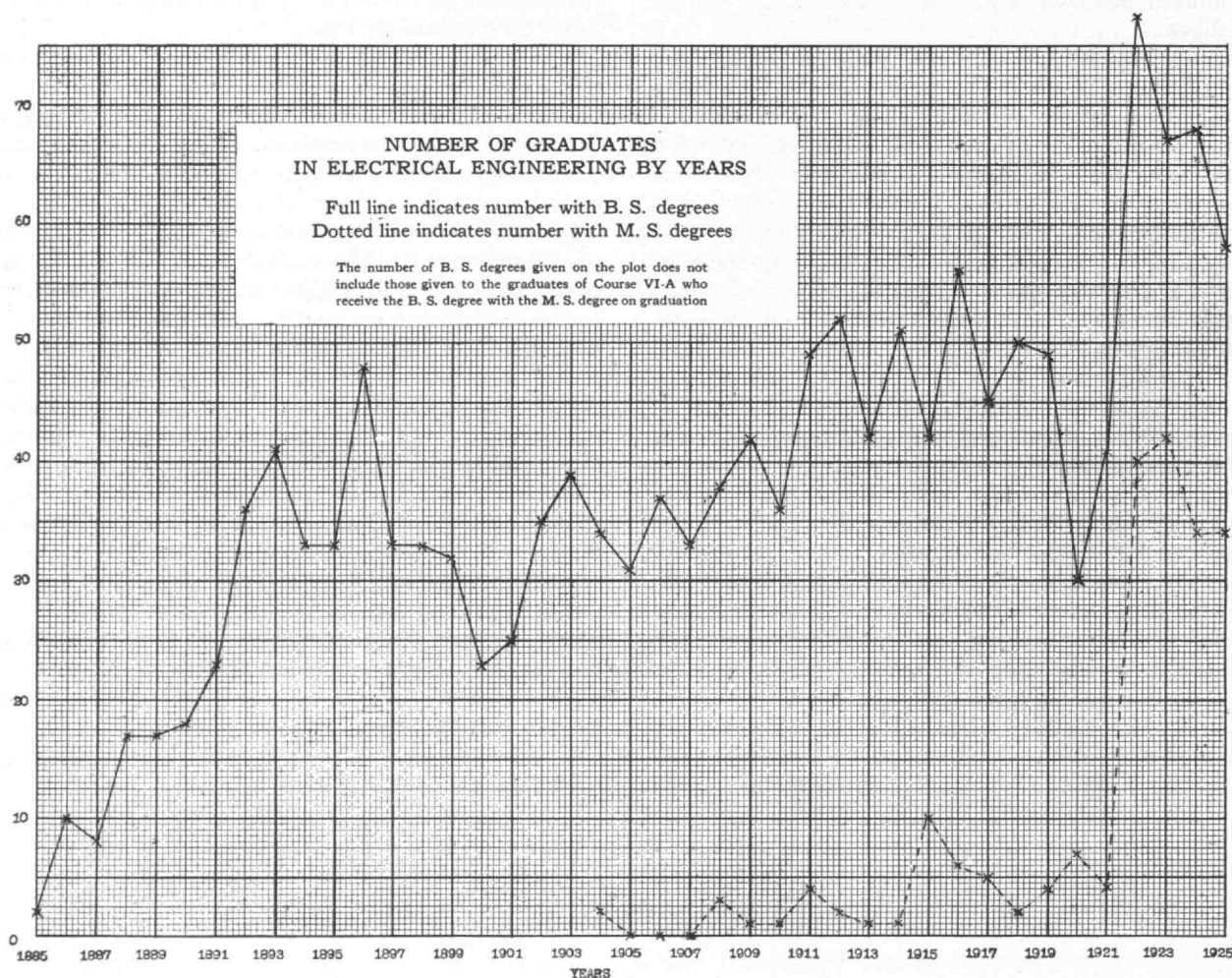
ates in the Institute, compared with 23% of last year) and 12 graduate students in the Department of Physics.

In speaking of the Department of Physics it must be remembered that in addition to those students who are specializing in Physics and the graduate students, the Department is giving instruction in intermediate Physics to approximately 900 students.

A comparison shows that the total enrollment in the Department of Electrical Engineering and the total number of graduate students in the Department has increased more rapidly than the total number of students and of graduate students in the Institute as a whole. It is particularly gratifying that an increasing number of graduates of other institutions are seeking at the Institute more advanced work as a preparation for their professional careers.

The suggestions made by the Committee last year in regard to the selection of entering students have not yet been carried out.

The recommendations of the Visiting Committee last year in regard to forming an Honors Group of exceptional men have been carried out and have met with a



cordial reception upon the part of the Faculty and student body. Twelve Juniors were selected to form the first Honors Group.

Staff.—The Head of the Department of Electrical Engineering presented charts showing the growth in the number of students enrolled in Electrical Engineering from the second to the graduate years inclusive, from 1910 to 1925 inclusive. In the years 1910 to 1916 it shows on the average that there were a little over 200 students, and from 1922 to 1925 the average in these classes has been 500, an increase of 150%. The chart showed very markedly that the increase has been in the third, fourth and graduate years. A chart was also presented showing the number of Instructors at the same time and the number of students per member of staff, and for the period from 1910 to 1916 the average number of students per member of staff was a little less than 11; for the years 1922 to 1925 inclusive it is 13½.

Furthermore, the increase among the instructing staff has been particularly in numbers of Instructors, and the rate of increase in the numbers of Assistants has not kept pace. It was recommended last year, and it is again very strongly recommended that the number of the teaching staff be increased so as to decrease the routine load upon the members of the staff and free them for some original research work. This end can be accomplished by an increase in the number of Assistants who can do much of the routine work and therefore lighten the burdens of the Instructors and Professors.

The Institute needs on the staff more men and better men, and the Institute must meet the question of paying better men increased remuneration. The effect upon the rest of the teaching staff and upon the students themselves of having the stimulation of great minds and high attainments is incalculable.

The Committee considered and recommended that further study be given by the President and the Faculty toward offering a substantial prize and sufficient time for original work either here or abroad to members of the Faculty for outstanding contributions.

Through the courtesy of the Heads of the Departments of Physics and Electrical Engineering, the Visiting and Advisory Committees met the members of these Faculties.

Facilities.—The Committees visited the laboratories, lecture rooms and rooms devoted to research and were favorably impressed with the condition of the laboratories; their orderly appearance and the excellent facilities they offered. The Professors at the heads of these departments presented needs for additional facilities in the way of space and equipment showing that

these had not kept pace with the growing enrollment of students, especially those in graduate courses.

The Committees in their report last year did not ask for any additional facilities or equipment; in fact they laid stress on the direction of effort being towards the increased use of present facilities; and in other directions the Committees provided funds for expansion along lines that seemed desirable. The Committees do not feel that they have sufficient knowledge, time or expert information to pass upon the question of whether additional space or facilities are required, but they desire very earnestly to call the attention of the President and the Executive Committee of the Corporation to this very important question of adequate facilities and equipment to carry on the work in the best manner and to provide for the growing needs of an increasing number of graduate students.

The Committees also reviewed the courses and respectfully urge that greater emphasis be put upon securing men of high attainments in the Department of Physics for advanced work in pure science. The Department is already doing good work by inviting professors from abroad to give lectures. Attention of prospective students should be directed to the great opportunity for graduates of Physics, not only in teaching but in industry. It is becoming more and more clearly recognized that men trained in the fundamentals of physical science have an equipment which is invaluable in the undertaking of any question that may arise along scientific lines in industry.

In addition, as the Committee has heretofore pointed out, the relation between the Departments of Electrical Engineering and Physics is so intimate that the improvement of the work in the Department of Physics will have a very stimulating effect upon the advanced work of the students in the Department of Electrical Engineering.

The Committee thinks there is an opportunity in addition to the courses in Economics already offered, to have the students made acquainted with the fundamental bearing which progress in the line of engineering achievements has upon many aspects of the problems of the Public Utilities, and the responsibilities of the latter to the community. Lectures on this subject should be provided either by the members of the staff, or by prominent men of the industry.

The Visiting Committees are grateful for the time and interest shown by the prominent men of the industry, who served on the Advisory Committee, and the result should be of great benefit to the teaching staff and the Institute as a whole.

The Committees' Personnel

Department of Physics

PIERRE S. DUPONT, '90, E. I. duPont de Nemours & Co.
FRANK W. LOVEJOY, '94, Eastman Kodak Co.
WILLIS R. WHITNEY, '90, General Electric Co.
ELIHU THOMSON, General Electric Co., *Chairman*.

Department of Electrical Engineering

W. H. BOVEY, '94, Washburn Crosby Co.
VAN RENSSELAER LANSINGH, '98, York Metal & Alloys Co.
CHARLES A. STONE, '88, Stone & Webster, Inc.
GERARD SWOPE, '95, General Electric Co., *Chairman*.

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Department of Electrical Engineering

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J. E. DAVIDSON, *President*, National Electric Light Association.
SAMUEL FERGUSON, *President*, Association Edison Electric Illuminating Companies.
F. B. JEWETT, '03, *President*, Bell Telephone Laboratories, Inc.
M. I. PUPIN, *President*, American Institute of Electrical Engineers.
G. E. TRIPP, *Chairman of the Board*, Westinghouse Electric & Manufacturing Co.

The ARCHITECTURAL BULLETIN

—PUBLISHED FOR THE SOCIETY OF TECHNOLOGY ARCHITECTS—

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Address all communications to the Secretary-Treasurer at 40 Central St., Boston, Mass.

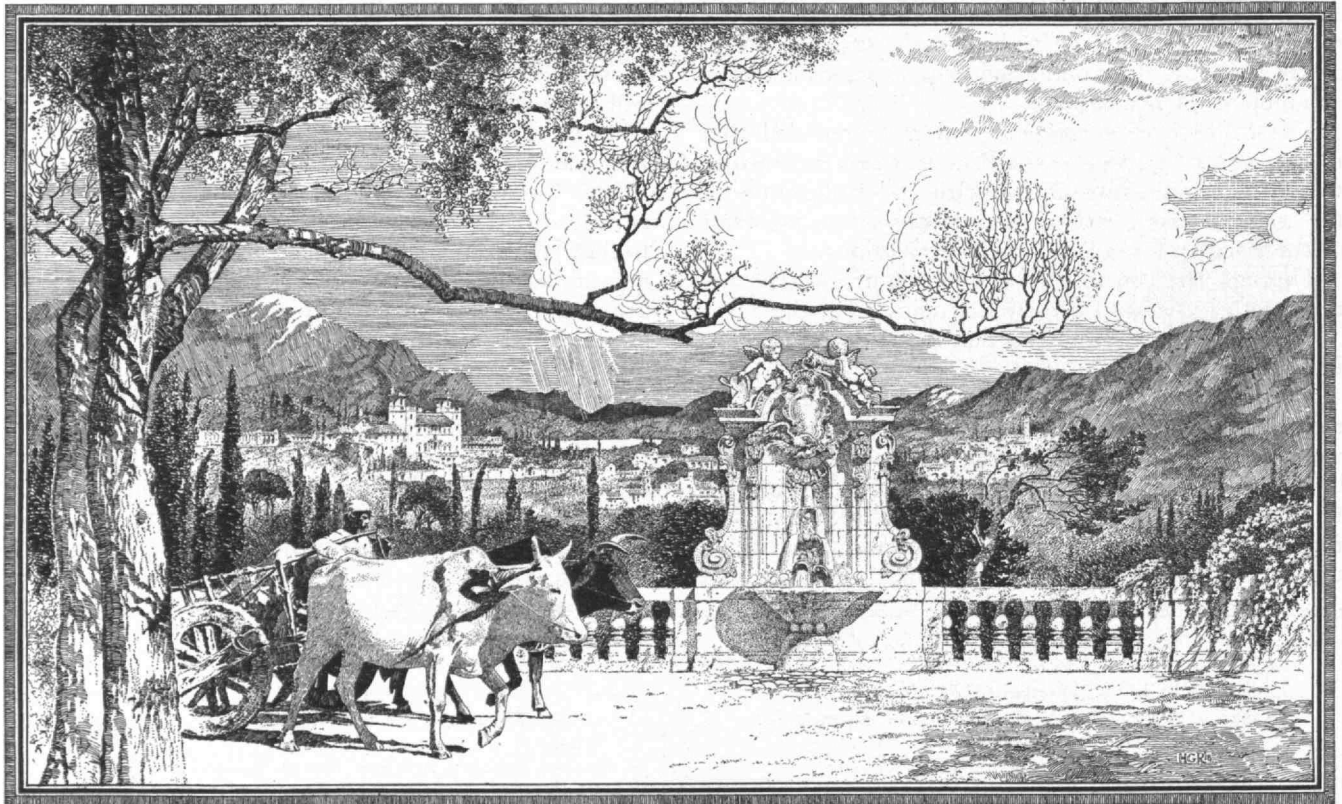
THE annual meeting and dinner of the Society was held the evening of June 1 in the exhibition room of the Rogers Building. Students from all grades were invited this year and the attendance of about 140 was the greatest in the history of the Society. The guests were: Professor and Mrs. Emerson; Hon. J. Randolph Coolidge, Jr., '92; Professor and Mrs. Henry G. Pearson; Miss Eleanor Manning, '06; Harry J. Carlson, '92, Professor W. H. Lawrence, '91; Professor Jacques Carlu.

President Carlson, presiding, called the meeting to order. The first business was the report of the Secretary-Treasurer. The Secretary reported the election of C. Grant La Farge, '83, Vice-President, and Hubert G. Ripley, '90, and O. R. Freeman, '15, members of the Executive Committee, the terms of all to run until June, 1928. Of the Treasurer's report it is enough to say here that the significant things in the report were that the membership of the Society has been larger the past year

than ever before, and this in spite of the fact that the dues were raised this year from \$1.00 to \$2.00. The increased membership is largely laid to the Chamberlain portfolio which brought a rich reward in increased dues to the Society. It was the hope of the Treasurer that another year would see a membership of 500 instead of 336 and it was his belief that with a membership of 500 the Society could do that for which it was founded, i. e., further the well-being of the Department of Architecture.

The business completed, President Carlson introduced the Hon. J. Randolph Coolidge, Jr., '92, the speaker of the evening, whose subject was "The Rewards of the Architect." It would be impossible for this reporter to convey the inimitable spirit of Mr. Coolidge's address. He did not speak from notes but went on in his jovial way to outline the many rewards as distinguished from earnings which the architect receives.

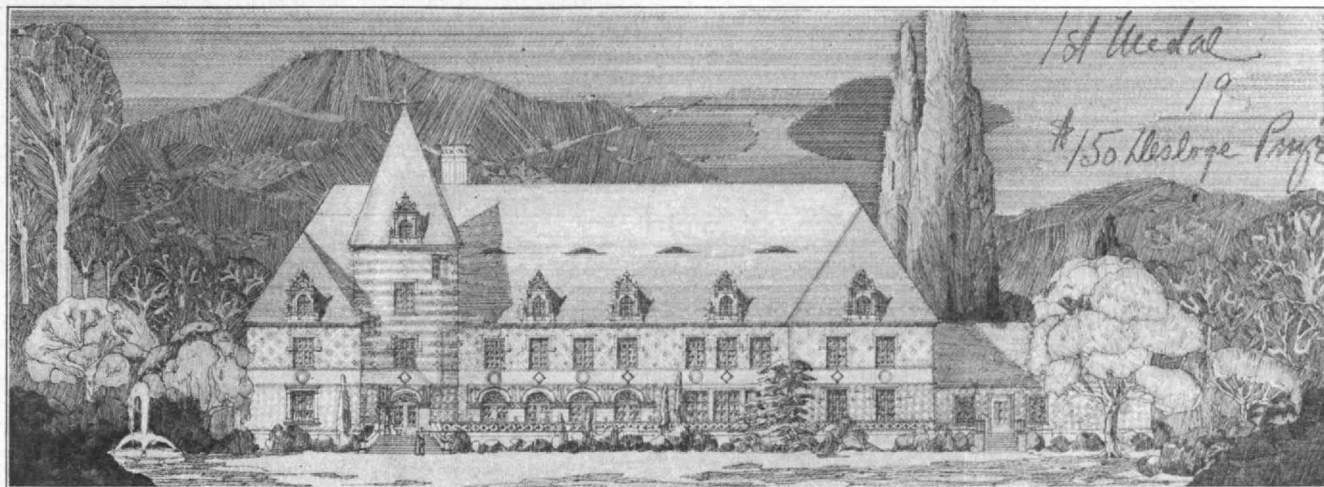
There was a reward, said Mr. Coolidge, in coming



Anno Domini MCMXVIII. View of The Fontana degli Amori della Contessa, Via Fiammiferi, Villa Flaccus. H. G. Ripley, D.D.

PEN AND INK DRAWING BY H. G. RIPLEY, '90

One of the specimens of the almost incredibly delicate work of a front rank draughtsman, President-elect of the Boston Society of Architects and newly a member of the Technology Society's Executive Committee



ONE OF THE DESLOGE WINNERS

A country residence in the style of the French Chateaux by A. K. Laing, '26, who with Louis Pirola, '26 Sp., shared the \$300 award

back to the scene of one's architectural training. Sixty years ago where he lived on the corner of Beacon and Berkeley Streets one could look over a waste of man-made land as distinguished from God-made land and see but two buildings, Rogers and that of the Society of Natural History. This building was one of the best of its kind before or since, Professor Despradelle had said. Professor Despradelle had been one of the most inspiring teachers and accomplished designers he had ever known. This teacher had found his reward in the inspiration afforded his students and this sort of reward is shared by a few architects, among others Professor Chandler who had had an unconquerable smile. The succession was continuing, said Mr. Coolidge. He could not express what it meant to the older students to have at the head of the Department at this time Professor Emerson. The students now leaving the halls of Rogers had had a considerable equipment in History, some in foreign languages, a little he hoped in English, much in architectural form and a smattering of materials. Now they were about to acquire the one thing they necessarily and inevitably lacked—experience. Experience was one of the distinct rewards which made itself felt day by day, though Mr. Carlson would say it had its painful side. All experience, pleasant or painful, was to the good.

The pleasures of designing were greatly increased when one was designing for construction. Richardson, and after him McKim, had been architects whose great delight was to work in materials. The speaker himself had found one of his greatest pleasures in drawing on a plastered wall the moldings of doors that were not yet there and then watching the execution of these moldings by the workmen.

The pleasures of solving problems of construction were also still ahead of the students. This pleasure they would get according to their temperament. Few architects were thoroughly competent both in design and construction, and it was well to remember if one had important commissions to execute that it takes two men to make one architect. In any case supervision of work held a reward which student preparation could only hold out as a prospect.

There was a rich reward too in one's contact with

business men. It was good to have business ability. Mr. Sturgis had said that good business ability was preferred by most people to good design but the speaker would urge the graduates to remain architects and not become promoters unless they were after the earnings of which he was not speaking. He recounted the tale of the dream of the Philadelphia architect who had found himself in a room into which came gradually all the clients he had ever had, and when the room was full he told them all to go to —.

Students should remember that the non-professional client never sees in a drawing what the architect sees. Sometimes this was fortunate. When, after an absence, the client came back to see the building now taking form which previously she (it was usually she) had only seen on paper, she was likely to say, "I didn't know it was going to look like that." The rewards of association with business people included the pleasure of association with the housekeepers who have a pleasant habit of disagreement on subjects on which they are expert. There were also shopkeepers to consider, shopkeepers who wanted show windows that almost eliminated daylight from their shops. Well, architects could learn. Association with all such people was rewarded in broadening the point of view and a professional man must remember what he is prone to forget, that it is by the non-professional man that he gets his living.

Association with fellow architects was especially rewarding. It was always a great pleasure to testify to their merits. There had been Goodhue, a man as modest as he was original, and Henry Bacon, a man of the utmost refinement and the greatest modesty. Their work praised them. They were men with whom it was a pleasure to go about and view other men's work. The speaker had never felt a pang of disappointment or jealousy because another architect did a fine job. He urged the students not to waste their time on injustice. Men who went through the world with a grievance were nuisances to themselves and the community.

Among the other rewards of the architect were the pleasures of travel. It was all right to "See America First" if one liked to. After all, while there was a similarity in our cities, it was not a boring similarity. Los

Angeles was disagreeable in quite a different way from Buffalo. San Francisco was beautiful though very differently from New Orleans. Travel was not a recreation but an education and a necessity and there was no one better able to appreciate travel than the architect. The architect was necessarily a humanist. It was not he who went the furthest but he who got the most from what he saw that was the best traveler. Architects were the best of traveling companions. They were least dependent on cinemas and express trains.

One was not a good architect unless he was at the same time a good citizen. Sometimes the interest might be manifested in private improvements and sometimes in public. One of the noteworthy steps in America today was the advance in collegiate architecture. Yale with her beautiful buildings was setting an example, yet these buildings were Gothic and Mr. Coolidge would be the last, he said, to associate New Haven with the Middle Ages except in regard to its theology. Goodhue had continued Gothic into the Twentieth Century and it was not by copying that architects would contribute their share.

Thus there were real satisfactions in enlargement of association in ideas and their growth which could not be shown on the balance sheet. It was not often the largest office and the biggest business that counted in architecture. The identity of the architect was likely to be diluted through the drafting room, and unoriginal and therefore second-rate work might well come forth.

These, then, were the rewards which might not be stated in figures. There was a most inspiring thought about architecture in this country at this time. Today we lead the world in our variant, original and vital architecture. It was to this profession that Mr. Coolidge invited the graduating class.

Following Mr. Coolidge's address, the meeting was turned over to Alan K. Laing, '26, who spoke briefly on behalf of the students, thanking the various instructors and proffering a gift of money to be used for the betterment of the Department at the discretion of Professor Emerson. The meeting was then turned over to Professor Emerson who thanked Mr. Laing and the students and then distributed the prizes for the year with fitting words for each student. The list of these prizes is reproduced at the end of the story. He said among other things of vital interest that this was the first time in the history of the Department that three of its students

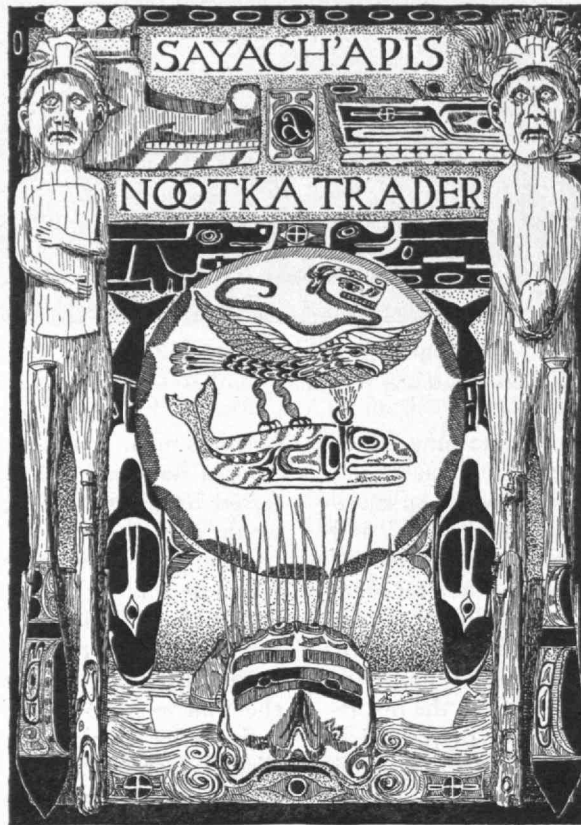
were competing in the Paris Prize Competition and that it was the first time in the history of the Beaux Arts that any school sending down only three drawings had placed three in the finals. There were two other men in the finals, one from Harvard and one from New York.

After maintaining the interest for some time with minor announcements, Professor Emerson came to the meat of the matter and spoke of the Traveling Fellowship. The problem, proposing the study of a certain type of bridge which would connect an island artificially constructed in a river with the city on either side, both the island and the bridge being used for a high class shopping center, had been an extremely difficult one, particularly considering the fact that the time was short and that the problem had to be done without criticism. The problem which had won was in the eyes of the jury the best interpretation of the spirit of the program though unfortunate in its presentation because of the lack of time. For the fifth year rendering was relatively unimportant. Fifth year students were expected rather to show imagination and penetrating thinking and seeing.

After a very great deal of consideration the jury had unanimously awarded the Traveling Fellowship for 1926 to Shepard Vogelgesang, '26. Vogelgesang has been in the Department since his first year. He is a son of Admiral C. T. Vogelgesang, U. S. N., in command of the Brooklyn Navy Yard, and has a very fine general cultural background for the work he will undertake in Europe. It is unfortunate that the drawing is unavailable for reproduction as this section of The Review goes to press.

The prize winners were:

- Traveling Fellowship — Shepard Vogelgesang, '26.
 Greatest number of points in 5th year Design — E. O. Holien, G.
 Chamberlin Prize (5th Yr.) — E. O. Holien, G.
 F. W. Chandler Prize (5th Yr.) — E. O. Holien, G.
 F. W. Chandler Prize (5th Yr.) — D. S. Nelson, '26 Sp.
 Greatest number of points in 4th year Design — H. Huntoon, '26.
 William R. Ware Prize (Conjunctive Problem with Harvard and the Boston Architectural Club) — N. L. Flint, '26.
 F. W. Chandler Prize (4th Yr.) — C. N. Pratt, '26.
 F. W. Chandler Prize (4th Yr.) — E. P. Nowlen, '26.



"AMERICAN INDIAN LIFE"

One of the illustrations by C. Grant La Farge, '83, for his book of the above title

Freehand Drawing Prize (4th Yr.) — E. P. Nowlen, '26.

"Class of 1904" Prize (3d Yr.) — E. S. Cofran, '29.
F. W. Chandler Prize (3d Yr.) — H. K. Crowell, Jr., '27.

Summer Sketching Prize 1st — R. C. Dean, '26.

Summer Sketching Prize 2d — H. R. Muhlenberg, '27.

Desloge Prize of \$300 divided between: A. K. Laing, '26, and Louis Pirola, '26 Sp.

Alfred D. F. Hamlin, '78: 1855-1926

At 9:20 on the evening of May 22, Alfred D. F. Hamlin, '78, Professor of the History of Architecture at Columbia University for twenty-two years, was struck and killed by an automobile as he crossed Riverside Drive at 117th Street. Professor Hamlin had left his home to take a stroll before going to bed and was crossing to the west side of the Drive when he was struck. The impact was slight but Professor Hamlin was thrown several feet and was dead by the time the motorist got him to the hospital. Thus a long and well spent life was terminated prematurely. He was to have retired from the faculty of Columbia at the end of the academic year when Professor Joseph Hudnut of the University of Virginia was to succeed him. Professor Hamlin was born in Constantinople, on September 5, 1855, the son of the Reverend Dr. Cyrus Hamlin, who was President of Robert College and one of its founders. The son was graduated from Amherst College in 1875 and from Technology in 1878 and then studied at the École des Beaux Arts till 1881. He received the degree of M. A. from Amherst in 1885 and that of L. H. D. from St. John's College in 1912. He spent all his teaching career at Columbia where he began in 1883. Some of his well known pupils include John Russell Pope, C. Everett Wade, the late Donn Barber, Philip Sawyer and William A. Delano. He was a Fellow of the American Institute of Architects, a member of the Archaeological Institute of America, the Société Archeologique de France, and had been decorated with the Cross of the Order of George I of Greece. He was the author of several works dealing with the history of architecture. He belonged to the Century Club.

The Architect for last May summed up his career very fittingly in the following words of appreciation:

"The death of Alfred Dwight Foster Hamlin, Professor of the History of Architecture at Columbia University, removes from the ranks of the profession one of its most eminent and loved teachers. His record is remarkable for the length and strength of his services.

"Though destined to give his life to teaching, his horizon was never bounded by the walls of his classroom. His interests lay in the largest aspects of his profession. As a Fellow of the American Institute and a member of the Société Archeologique de France he was constantly in touch with architectural developments. The progress of the Cathedral of St. John the Divine interested him enormously, and he was a member of one of the sub-committees of this great work, as he was also of the Committee on City Plan of the Merchants Association of New York. Thus it will be seen that his death, at the age of seventy-one, rounded out a life of almost continuous service, marked always by the highest ideals.

"No more fitting place than the Cathedral could be found for a memorial to his memory. In the present generation he will be cherished by thousands of students with whom he came in contact and to whom he was always a helpful and invigorating friend."

Department News

The following announcements of great interest and import have been made by the Department, to take effect next year: 1. Hereafter only those students will be accepted as applicants for the Master's Degree in Architecture whose previous performance in the required work, whether at Technology or elsewhere, has been better than of a passing grade. 2. At the discretion of the Department one or more students may be chosen annually from those completing fifth year requirements to continue a year of study in Design without being required to pay tuition, on the condition that they render at least two projects in the course of the academic year of a grade not below that of "Second Medal."

The import of these is fairly obvious. The first requirement means that from now on no one will be admitted to the fifth year who has done a grade of work

that was barely passable. The result upon the standards of fifth year work should be immediately noticeable.

Perhaps even more important is the second announcement which carries a double significance. In the first



"AMERICAN INDIAN LIFE"

Another characteristic drawing by Mr. La Farge for his archaeological study of the Indian

place, so far as the students who are allowed to continue on this plan are concerned, it will mean for them a vastly better training and opportunity than can be gained in the continuance of their study in night classes at various architectural clubs. It should prove for them an excellent training for future competition work. So far as the Department is concerned, it will have the good effect of providing an environment for the new fifth year students that could not be obtained in any other way. The experience of the older men is bound to be of aid to the new. The stimulus of the quality of their work will also, it is hoped, be a noteworthy one. These two new rulings are only in line with the gradual and measured expansion of the activities and the uses of the Department.

Professor Emerson has been away again on one of his flying trips. He first went to Chicago where he met seventy-five former students of the Department on April 30. The fundamental occasion was an exhibition by the Chicago Architectural League held in the Art Institute. Technology was especially well represented at this exhibition by the Carlu drawings, commented on at some length in the last issue of the Bulletin, and by drawings by Messrs. Flint, Nelson, Raftery and Pirola, all of Chicago. Messrs. Nelson and Pirola are students under the special students' scholarship which has furnished so many excellent men to the Department. Both Messrs. Flint and Nelson, fifth year students, are in the finals of the Paris Prize. Raftery, whose work is well known to readers of the Bulletin, is holding the Traveling Fellowship at present and Pirola is one of the most promising students in fourth year design. The effect on the morale of Chicago architects of so splendid an exhibition of work by Technology men need not be commented upon.

From Chicago Professor Emerson went to Washington to attend the meetings of the Associate Collegiate Schools of Architecture held on May 2, 3 and 4, and at the same time the meetings of the Small House Service Bureau of which he is a director. At the close of these two conventions he attended the convention of the American Institute of Architects held on May 5, 6 and 7. He was obliged to leave before the election but every friend of the Department who does not know it already will be pleased to know of his election as First Vice-President. Frank C. Baldwin, '90, of Cleveland, Ohio, was elected Secretary and Director, and Edwin Bergstrom, '99, of Los Angeles, Calif., was elected Treasurer and Director. Among the five former directors carried over was William J. Sayward, '01. Eight of the fifty members selected for advancement to the rank of Fellowship were Technology alumni: A. H. Granger, J. M. Howells and H. G. Ripley of the Class of 1890; Professor H. W. Gardner, '94; A. Owen, '95; J. F. Clapp, '99; W. J. Sayward, '01; R. D. Johnson, '10. Professor Emerson will serve as a member of the Executive Committee and of the Educational Committee, thus carrying on work in which he has been previously interested under the new administration of Milton B. Medary, Jr.

Messrs. J. F. Buenz, '26, and I. D. Beals, '27, are holders for this summer of the Fontainebleau scholarships which are given annually through the generosity of friends of the Department. These students sailed June 12 on the *Paris* for Fontainebleau and will return September 29 on the *Suffren*. Their work will be at the Fontainebleau School of Fine Arts which, as every one knows, is under the directorship of Jacques Carlu, Professor of Architectural Design at the Institute.

The annual trip to New York for students of noteworthy ability was held on May 7. The students, who were Messrs. Brown, Huntoon, Roorda, Wood, Zaitzevsky of Option 1, and Carter, Rusitzky and Timmerman of Option 2, were all Seniors. They had luncheon the first day at the Harvard Club and dinner at the Technology Club and spent the afternoon making a thorough examination of the Federal Reserve Bank through the courtesy of York and Sawyer and also had an opportunity to look over the organization of York and Sawyer's office. John F. G. Gunther, '23, Instructor in Architectural Design, and Paul W. Norton, '08, Instructor in Architectural Engineering, accompanied the students.

Alumni News

Louis H. Skidmore, '23, has won the Rotch Scholarship for the coming year. This announcement was made at a special educational meeting of the Boston Society of Architects which placed emphasis on work for schools. The subject of the competition was an architectural school. Skidmore, who has been in the office of Maginnis and Walsh, is well known to followers of Departmental activities. He previously was runner-up in the Traveling Fellowship competition and finished third in the LeBrun competition.

Regretfully the Bulletin must announce the decease of Henry A. Phillips, '73, one of the first graduates of the Department of Architecture. Mr. Phillips was present at the meeting at which the Society of Technology Architects was organized and spoke on that occasion.

In a recent competition for a Cape Cod style of house, held under the auspices of the Cape Cod Real Estate Board, the first prize of \$250 was awarded to the firm of Howe, Manning and Almy. All of the members of this firm are former students of the Department: Lois L. Howe, '90; Eleanor Manning, '06; Mary Almy, '20. H. Ross Wiggs, '22, received a mention.

The program called for a house of indeterminate size, made of wood or brick, and left considerable to the discretion of the designers. The Cape Cod Real Estate Board expects to publish the prize winning drawings, and a number of those mentioned, in book form. Professor H. W. Gardner, '94, served on the jury.

Undergraduate Affairs

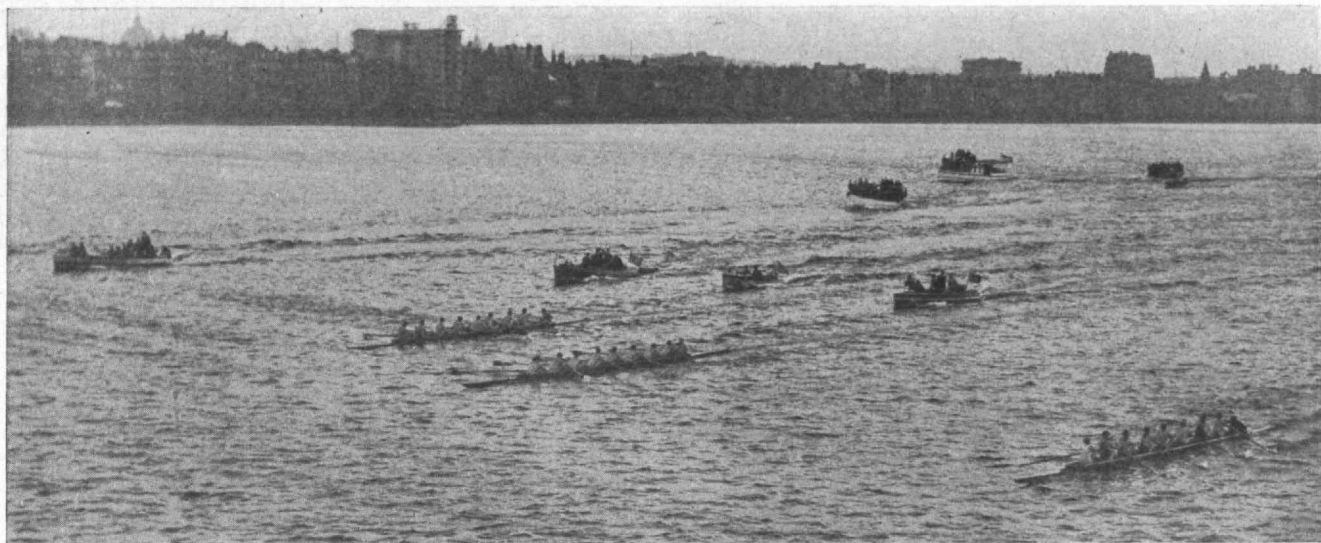


Photo by Times Wide World

LEFT DRESS ON THE CHARLES: THE VARSITY FINISH OF MAY 22

In this, the final race of the regatta, Penn (at the extreme right) was victor with Technology (in the center) second and Harvard third. It was the third race of the afternoon in which Technology finished ahead of Harvard

Rowing

BACK in 1919 there was published the first story telling the collegiate world at large that Technology was embarking upon a program of inter-collegiate rowing. The news did not create a great stir in the collegiate world. Nor did the Tech crews for a while. If ever a rowing establishment was started on a shoe-string, this one was. At first there was no coach. Some second-hand shells were obtained. Harvard helped by lending equipment, others gave launches, then a boat house was purchased from the Boston A. A. by the Corporation and, finally, beginning with the 1924 season, Coach William Haines took charge. From here on things began to happen.

Cornell was defeated that year. "'Upset' is a feeble word," said the *New York Times*. "Pretty nearly anything can happen athletically now," said a contemporary. In 1925 the Cornell Varsity, Junior Varsity and Freshmen trailed Technology crews on the Charles in a quadrangular regatta, Penn and Harvard being the other contenders. Also the Varsity defeated Columbia and the 150-pound crew won from Princeton.

This year *the* day of the rowing season was that on which Captain Leness's track team won the New Englands — May 22 — when Penn, Harvard and Technology competed on the Charles. The Penn Varsity and Junior Varsity won their races, but the Technology Varsity and Junior Varsity finished second ahead of Harvard. Furthermore, the 150-pound Technology crew in a dual scrimmage defeated Harvard by two and a half lengths.

For this latter light crew, victory seemed a foregone conclusion. It had won from Yale at Derby, May 1, by a length and a quarter. A week later it had made "one of the best exhibitions of light-weight rowing seen here in years" at Princeton. It was too bad that Penn's 150-pounders were not entered on the Charles on May 22. If they had been Technology might have been able to claim without fear of challenge the championship of the East for at the American Henley on Memorial Day Princeton beat Penn by three-quarters of a length with the Navy, Yale, Columbia and Harvard trailing.

For the Varsity the season did not begin impressively. On April 24 it lost to the Navy on the Severn by five lengths. On May 15 it lost to Columbia by less than a length. Both of these races were in borrowed shells, the one on the Harlem being a pre-war craft used by Columbia at Poughkeepsie in 1914.

The races of May 22 on the Basin were, as usual, delayed. Some day a boat race will start on time and some veteran devotee will fall dead on the bank from surprise. Stanley Woodward of the *Herald* described the day as follows: "In the three races of the triangular regatta it was Tech that forced the pace. Hardly considered in the running before action started, the boys of Memorial Drive made their presence felt in each event and yielded only after three of the most gallant efforts in the history of Technology rowing.

"The Varsity race was the real one of the day. So close was it that none of the crowd that packed West Boston Bridge and both banks of the river knew whether Technology or Pennsylvania had won until Referee Walter I. Badger, Jr., hoisted the pennants in finish-

ing order from the staff of the official launch, *Patricia*.

"And it was a race over every foot of the mile and three-quarters, with Penn and Tech as the chief contenders and Harvard somewhat astern most of the way, yet never far enough not to be dangerous. In the end Penn's ability to adapt itself to water that was rough beyond its ken, drove the prow over the finish just two seconds ahead of the Tech craft. . . .

"Most of those who went to the river were under the impression that the race was between Harvard and Penn, with Tech out of it before the start. Yet, when they took the word and cleared away, the Engineers showed no sign of inferiority and before Harvard Bridge was reached they were setting the pace. . . .

"It must be admitted freely and forcibly that Tech was the surprise of the race. The Engineers had been beaten by Columbia which Penn had

soundly beaten in a triangular regatta with Yale. They did not seem to be fast enough for the company before the race. But those who figured thus did not take into consideration that the Engineers were boated in their own shell for the first time. The race with Columbia might have resulted differently had they been familiarly equipped on the Harlem."

Robert Harron of the *Transcript* wrote: "Tech's Varsity, being in its own familiar shell, was probably a good two lengths faster than in its race the Saturday before against Columbia, when it was nosed out by feet in a mile and a half race on the Harlem. For that reason, it is regrettable that the Engineers will not be able to row in that shell, an old Davy boat, again this week against Navy, Cornell and Harvard. The shell 'passed out' directly after the finish on Saturday. As the crew 'let her run' after the flags dropped in that rousing climax, the swells from half a dozen following launches caused the craft to buckle and she'll be manned no more by Varsity eights. So the Tech Varsity will finish this season next Saturday afternoon with the unique record of having rowed four races in four different shells."

His veiled prophecy proved only too true for on May 29, on the Charles River course, the great Navy crew swept to im-

pressive victory over Harvard, Cornell and Technology. That same day on Lake Carnegie Penn won the Child's Cup for the third successive year. Princeton trailed her three lengths, Columbia seven.

In celebration of the rowing season the Technology Club of Rhode Island voted to give the M. I. T. A. A. a new set of sweeps. Also a very gratifying bit of sportsmanship was associated with the regatta of May 22. At the conclusion of the races Robert F. Herrick, for many years a potent factor in Harvard rowing, presented the Technology oarsmen with a launch on learning of the meager equipment which the Institute had in this department. This is but the latest evidence of the uniform spirit of generous coöperation and good will which has been manifested by the Harvard rowing authorities since the inception of the sport at Technology.

Track and Field

The New England Track and Field Championship came back to Technology on Saturday afternoon, May 22, after an absence of four years. Seven athletes combined balance with brilliance and courage, and scored in nine events for 31 points at the 40th annual meeting of the colleges which was held on Tech Field. It was the same day that Harvard was vanquished in three crew races.

To Captain George J. Leness, '26, who ran out his lion heart to win the half mile and place second in the quarter; to Henry G. Steinbrenner, '27, with a first place in the low hurdles and a second in the highs; to



H. G. STEINBRENNER,
'27

*New England Intercollegiate
Low Hurdle Champion for
1926 and Captain-elect of
Track for 1926-27*



CAPTAIN GEORGE J. LENESS, '26

Successful defender of his New England Intercollegiate title in the half mile. The photo shows him breaking the tape at the dual meet with Cornell on May 15 in which Technology took nine first places

James S. Wiebe, '28, with a second in the broad jump and a third in the javelin; to L. Major Sanford, '26, who cleared 12 feet $2\frac{3}{4}$ inches to tie for first in the pole vault; to F. E. Glantzberg, '27, who took third in the hammer; and to J. A. McCarthy, '28, with a fourth in the javelin, go the credit for Technology's victory.

Bowdoin was five points behind and Boston College, expected to furnish most of the opposition, was far down the list with 12 points. After Tech's 31 points and Bowdoin's 26 came Bates, with as good a miler as has shown in this section this year, and a javelin thrower who tossed the spear 189 feet, scoring 16 points.

Holy Cross, Williams and New Hampshire were tied for fourth with 13 apiece; Boston College finished in a tie with Maine for seventh place with 12 points; Amherst scored $8\frac{1}{2}$, Massachusetts Aggies 5, Boston University 4, Vermont, Worcester P. I. and Colby each scored 3. Rhode Island State and Wesleyan, tallied one each and Northeastern brought up in the rear of the procession with $\frac{1}{2}$ point.

The meeting brought only one broken record, and this by Fred Peaslee of New Hampshire University, who led from the start to win the two-mile in the new time of 9 minutes, 29 seconds, fast going in any company in the country. The old mark was 9 minutes, 33 seconds, set up last year by George Lermond of Boston College.

Remarkd one Boston sporting writer, "Tech has had some strong athletic combinations in the different championship contests that have been held, but never did the boys from across the river do themselves more proudly than they did yesterday. Hardly given a chance before the meet started, owing to the reputed strength of Bowdoin and Boston College, Coach Hedlund's boys came through cleverly and there was no doubt about the Tech team being entitled to the championship laurels.

"Tech scored on the track as well as in the field. It made no difference what event, it was generally a Tech man that was seen fighting it out to the finish."

The half was a great battle between Captain Leness and McCloskey of Boston College. Leness had finished second in a fast quarter a few minutes previously, so his victory in the 880 was all the more impressive. McCloskey was off fast. He hugged the pole and led for the first three-quarters of the race, with a long, easy stride. As they rounded the turn into the stretch, Leness challenged from second place. He ran wide and opened up on all the cylinders he possessed. It looked like McCloskey's finish, but the B. C. man hung on and battled the Tech leader every inch to the finish. Leness had a yard advantage as he broke the tape in 1 minute, 56 $\frac{4}{5}$ seconds.

Too much of the credit for winning the New England Championships, as well as for the showing made in the three dual meets of the season, cannot be given to Captain Leness. Prior to this year he has been conceded to be a remarkable athlete. This year he proved himself a great leader.

On May 1 the team made a better appearance against Harvard than a year before. It scored 72 to Harvard's 153, won two first places and got two men into the quadrangular tie. Steinbrenner led the 220-yard low

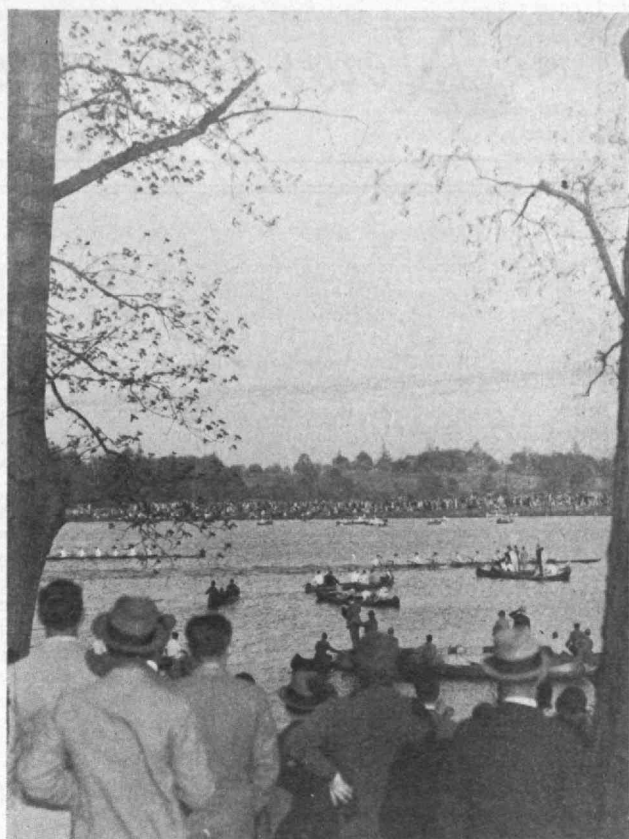


Photo by Times Wide World

TECHNOLOGY'S 150-POUNDERS DEFEAT PRINCETON

They also triumphed over Yale and Harvard. Later Princeton beat Penn, Navy, Yale, Columbia and Harvard at the American Henley. Question: Which wins the championship of the East?

hurdle fight in close to record figures. Wiebe gained a surprise victory over Jones of Harvard in the running broad jump, clearing 22 feet $2\frac{3}{4}$ inches. Sanford and R. A. Jack, '28, were tied with Clark and Hocking, both Harvard men, for first place in pole vaulting. The quartet did 11 feet and could get no higher.

A week later, May 8, at Waterville, Maine, Colby was defeated by a score of $86\frac{1}{2}$ to $48\frac{1}{2}$. Technology took nine first places on this occasion.

Cornell was victor by a score of 76 to 59 at Tech Field on May 15. A week earlier the Ithacans had beaten Penn $75\frac{3}{5}$ to $58\frac{2}{5}$ and hence journeyed to Cambridge as decided favorites. Technology won both hurdle races, as well as every flat race above the dashes and the hammer, broad jump and shot put in the field events — in all nine first places.

Then on May 22, the zenith of the season was reached in the New Englands with the I. C. A. A. at the Harvard Stadium (celebrating its Golden Anniversary this year) coming a week later to close the season. Strictly speaking these national championships have never been (and probably never will be) an affair in which Technology is a contender for team honors. It is merely a case of entering a few selected athletes for the purpose of offering such stars a chance to compete against the stiffest collegiate field available. This year Steinbrenner took third in the low hurdles, Leness fourth in the half, Glantzberg fifth in the hammer — totaling six points.

News from the Alumni Clubs

Technology Club of New York

ONE of the most interesting gatherings which the Club has ever witnessed was held on Friday evening, April 2, when Vilhjalmur Stefansson, the famous Arctic explorer, Lieutenant Leigh Wade, who flew around the world, and Robert Anderson Pope, '02, organizer of the All-American Arctic Expedition, spoke. An account of this appeared on page 384 of the last issue of *The Review*.

Before the entertainment, President Desmond gave a dinner for twenty guests in honor of Mr. Stefansson, Lieutenant Wade, and Mr. Pope. The dinner was served up in true Arctic style, reindeer meat being the chief course.

Nominations for officers and governors of the Club for the ensuing year have been made by the Nominating Committee appointed by the Board of Governors. The Committee, of which Thomas D'Arcy Brophy, '16, is Chairman, is composed of John C. Fruit, '02; Noel Chamberlain, '04; Paul M. Wiswall, '09; Marion S. Dimmock, '22. It placed in nomination the following: President, Thomas C. Desmond, '09; Vice-Presidents, James P. Munroe, '82; T. Coleman Du Pont, '84; E. C. Lufkin, '85; Charles Hayden, '90; Treasurer, R. B. Haynes, '13; Secretary, Duncan R. Linsley, '22; Governors to 1929, R. H. Ranger, '11; Eric Kebbon, '12; Philip M. Dinkins, '18; Governor to 1928, William D. B. Motter, '05; Governors to 1927, James C. Burbank, '16; Oscar DeL. Mayer, '19.

R. H. Ranger, '11, who has been nominated one of the governors, is at present in London where he is installing a radio photographic transmission service. He is the inventor of the device, which just recently created quite a bit of very favorable comment as a result of experiments, whereby a check was transmitted by radio from London and cashed in New York within a surprisingly short time. — R. B. Haynes, '13, on April 1, 1926, was admitted to partnership in the New York Stock Exchange firm of Wellington and Company. — W. Palmer Gray, '92, of Richmond, Va., was a visitor at the Club for about three weeks, devoting most of his spare time between the Metropolitan Opera and various skating rinks.

James E. Barlow, '05, is a frequent visitor at the Club and is now located in New York City. Mr. Barlow was formerly City Manager of Dayton, Ohio, and New London, Conn., and was Treasurer of the Technology Club of New York about twenty years ago.

Colonel Louis E. Robbe, '05, formerly an engineer for the Board of Water Supply, is now connected with the Board of Transportation, New York City. When not engaged in struggling with various problems of subway construction for the Tunnel Division of the Board, he may be occasionally seen around the Club.

It is with genuine regret that the members of the Club learned of the death of James Winthrop Thomas, '95, on April 13, 1926. His funeral was held at his old home, Plandome, L. I., on Thursday, April 15.

The Club entertained as its guests over the weekend of April 17 and 18, the Technology Rifle Team, which was here in town competing in an intercollegiate shoot. The team made a very creditable showing by finishing in fourth place against a field of about sixteen.

The various activities of the Club have aroused a good deal of interest in the members, and during the past two months over 100 applications for membership have been received.

DUNCAN R. LINSLEY, '22, Secretary,
c/o Harris Forbes and Co., 56 William St., New York, N. Y.

Technology Club of Eastern New York

The Technology Club of Eastern New York met for luncheon at the Van Cuyler Hotel on April 6. President Harrington, '18, who has recently returned from the west coast, presided.

W. D. Coolidge, '96, read the report of the Scholarship Committee. It was pleasant to hear that Oswald Karas, '29, the recipient of this year's scholarship, has been very successful at the Institute. The Committee suggested that we should raise the money for another scholarship and also for further aid to Karas, if necessary. The amount to be raised was set at \$500, and A. G. Davis, '93, offered to supply any

amount over \$500 that it might be necessary to meet, in the event that the award to Karas was insufficient.

G. A. Chutter, '21, chairman of the committee in charge of Tech Show arrangements, read a report on the recent presentation of the Show in Schenectady. The Show's visit was very successful and much credit is due Chutter and the committee for their fine work. The student management has written, expressing their gratitude for the entertainment of the organization this year and suggesting the presentation of Tech Show 1927 in Schenectady. After some discussion, the decision in this matter was left in the hands of the President.

A. G. Davis, '93, gave an interesting talk on the organization of the Research Department of the General Electric Company and on the value of pure science studies and their relation to engineering.

M. W. DAVIDSON, '26, Secretary,
1035 Eastern Ave., Schenectady, N. Y.

Technology Club of Philadelphia

On Tuesday evening, May 18, the Technology Club of Philadelphia held its last regular meeting of the year at the Adelphia Hotel. We were fortunate in having procured as our after-dinner speaker, Charles W. Beeching, who is in charge of the personnel work at the Curtis Publishing Company. Mr. Beeching's topic was "Making Men for Tomorrow." The dinner was followed by six acts of vaudeville. At this meeting the officers were elected for the following year.

Due to a reorganization in the engineering department of the Bell Telephone Company of Pennsylvania, many men who have either been active in the Club or taken an interest in our affairs, will be transferred to Pittsburgh or Harrisburg. This is certainly a loss for us and will be a large gain for the clubs in the aforementioned cities. We feel sure that the Technology Club of Western Pennsylvania will not be long in locating such men as F. J. Chesterman, '05, and the Technology Club of Central Pennsylvania such men as P. E. Tilson, '05, and Eldon Mink, '22. We hope that all of them will enjoy the best of success in their new locations and that the alumni clubs mentioned will benefit as much from their work as we have. The aforementioned meeting also served as a farewell gathering for these men.

The officers of the Club decided not to hold regular monthly meetings but instead to hold fewer meetings spread throughout the year. The results have already proven satisfactory, as is shown by the larger attendance at all meetings. By the time these notes are published the meeting of May 18 will be a matter of history. We cannot foretell who the officers will be for next year. We can only assure you that a large gathering was there. All previous meetings of this year have been mentioned in other issues of *The Review*.

The weekly luncheons, held Thursdays, at 12:30 p. m., in Wanamaker's Tea Room have been very well attended. All Technology men are welcome to the meetings and luncheons of the Club.

H. A. GROSSCUP, '20, Secretary,
S. E. Cor. Fifth and Race Sts., Philadelphia, Penna.

Washington Society of the M. I. T.

The monthly speaker's lunch of the Society was held at the University Club on April 9. Dr. G. W. Field gave an illuminating talk on the subject of "Effect of Stream and Harbor Pollution on Marine Life" which was followed by a discussion in which several members of the Society participated.

At a brief business meeting the Chairman of the Scholarship Committee, W. C. Dean, '00, gave a report of the activities of the Committee to date. The President was authorized to appoint a representative of the Society on the Alumni Council. The attention of the Society was called to the Parker Bill pending before Congress for the coordination of the Public Health activities of the Government and other matters. The Executive Committee was authorized to consider the bill with a view to giving it the endorsement of the Society, with power to take such action as they considered advisable.

The May meeting of the Washington Society of the M. I. T. will be

held at the Cosmos Club on Friday, May 21. The speaker for the occasion will be Robert S. Brookings, President of the Brookings School of Economics, who will speak on the plans for research and teaching in the field of economics as developed by the Brookings School and the Institute for Government Research.

W. M. CORSE, '99, *Secretary*,
706 Otis Building, Washington, D. C.

The Technology Club of Hartford

The annual meeting of The Technology Club of Hartford was held on Saturday evening, May 15, at 6:30 p.m., at the City Club. Officers were elected as follows: E. C. Alden, '95, President (Comptroller of the States Company); H. H. Marshall, '09, Vice-President (Superintendent, the Automatic Refrigerating Company); George W. Baker, '92, Secretary-Treasurer (General Insurance.) These three with Arthur F. Peaslee, '14, (President of A. F. Peaslee Company) and H. R. Philbrick, '06, (President of the Philbrick-Booth Company) constitute the Board of Governors.

Our guest at dinner was Professor L. F. Hamilton, '14, Chairman of the Dormitory Board at the Institute, who gave a most interesting talk on the dormitory student life at Technology which is new to the older graduates, who roomed mostly in Boston boarding houses. Professor Hamilton said that dormitory life was the only life for the students. They were under their own government and were responsible for all damage to property. Rooms are furnished with telephones in most cases; and lounging rooms where students can get together and become acquainted are found in all dormitories.

The Technology Club of Hartford has had a most enjoyable year. Many scientific subjects have been discussed and demonstrated at our meetings and luncheons by notable speakers who have been our guests. Among these have been Dr. Frederick G. Keyes who spoke on "Research Laboratory Work." Kenneth B. Warner talked on "International Radio Union," while Joseph Sachs spoke on "Enclosed Fuses." H. P. Maxim, '86, entertained the Club with illustrated talks on the "Technology Outing at Lyme" and "A Fishing Trip in Maine."

Charles P. Ogsbury spoke on the "Use of Tabulating Machines" which he illustrated by lantern slides. Henry S. Blakesley discussed "Electric Meter Testings"; and Howard Bradstreet spoke on the "Local Issues on Immigration." "Police Traffic Problems" was Edward J. Langrish's subject and Dr. Charles P. Botsford spoke on the "City Board of Health."

The Boxwood at Lyme was chosen for the fourth time as the ideal place for the annual outing which was held on June 27, 1925. About thirty-six left Hartford at 9 a.m. by automobile, arriving in Lyme about 10.30, where twenty-eight of the New Haven Club joined us for the outing.

At 11 a.m. the ball game was played on the Lyme baseball grounds and was won by Hartford (15 to 14) giving to them the cup offered by the Hartford Club. The 1924 game was cancelled on account of the New Haven team being shy four men.

A swim was enjoyed at White Beach and at 2 p.m. a very fine dinner was served by Mr. Dows. Dinnie was our guest for the second time and good singing was a feature of the dinner.

Addresses were made by the Presidents of both Clubs and at 4 p.m. golf and tennis matches were played. The cup for golf, offered by the New Haven Club, went to the New Haven team.

The scores stand as follows: Baseball, Hartford 3, New Haven 1; Golf, New Haven 3, Hartford 1; Tennis, Hartford 2, New Haven 1. One of the best features of the day was the moving pictures taken by H. Percy Maxim, '86, of the ball game, swimming, golf, and a wonderful picture of the crowd on the steps of the Boxwood. A good supper at the Boxwood closed a very enjoyable day and we reached home by 10 o'clock.

On February 26, the third annual joint meeting and luncheon of the Technology Club of Hartford and the Cornell Club of Hartford was held at the Hub Restaurant. Addresses were made by the Presidents of both Clubs. Cheers and songs made the luncheon a great success.

On March 16, a dinner and billiard-pool party was held at the City Club. This was a great success. Seventeen members were present and all who attended had a very enjoyable evening.

It was voted, on October 8, 1925, that the Secretary make plans to have the Tech Show of 1926 come to Hartford. Satisfactory arrangements were made and on February 1, 1926, the Tech Show, "Too Many Brothers," enjoyed a large audience. The results exceeded those of the majority of past years.

The Club is now looking forward to its Waterbury Reunion and its

annual outing at Lyme. This, under the management of George W. Baker, '93, Secretary, of the Hartford Club, has proved one of the most interesting outings of all New England Technology Clubs. The date of the outing for this year is Saturday, June 26.

G. W. BAKER, '92, *Secretary*,
Box 983, Hartford, Conn.

Technology Club of Rhode Island

A meeting of the Technology Club of Rhode Island was held at the Shrine Club on April 7. Thirty-four members were present at dinner. At a short business meeting held immediately after the dinner, Howard Fisher, '09, as Chairman of the Nominating Committee, reported the following list of nominees for office for the year commencing May, 1926: President, A. C. Dickerman, '05; Vice-President, L. E. Knowlton, '16; Secretary-Treasurer, N. D. McLeod, '14; Members of Club Council for three years, J. C. Freeman, '20, and E. W. Freeman, '20; Representative to the Alumni Council, F. O. Clapp, '99. The election of officers will take place at the annual meeting in May.

Following the business meeting, the members present took part in a bridge tournament. The first prize was won by S. C. Lyon, '08. He was closely followed by John S. Ferguson, '21. The competition for prizes was very keen and a number of the bridge experts turned in high scores. Jack Wood, '24, came out at the other end of the string with the lowest score.

L. E. KNOWLTON, '16, *Secretary*,
Providence Gas Co., Providence, R. I.

New Haven County Technology Club

The New Haven County Technology Club held its third Annual Dance and Card Party at the New Haven Lawn Club, Saturday, March 27, with about forty couples present, including members and their friends from New Haven, Waterbury and Cheshire. The Committee consisted of Gerald M. Keith, '12, chairman; Charles J. Farist, '19; Sydney W. Gould, '21; Walter G. Hauser, '14; G. Vincent Maconi, '15; Herbert R. Polleys, '18; Franklyn M. Stibbs, '11.

Professor R. S. Lull, Director of the Peabody Museum in New Haven, entertained the New Haven Technology Club on Friday evening, April 23, with a lecture and tour through this new Museum which has only recently been opened.

Professor Lull first addressed the company in the Rotunda, giving a little of the history of the Museum and its various collections, and then, after explaining the layout, he proceeded to conduct us through, explaining at each point the significance of the exhibits. The collections which seemed to arouse greatest interest were those which showed the evolution of reptiles, birds, animals and finally man. We also had the unusual privilege of going behind the scenes into the preparation rooms where the work of preparing and mounting the collections was explained.

Finally, refreshments were served to the gathering in the library, making the affair a huge success socially as well as educationally. A total of seventy-one availed themselves of this unusual opportunity and many came from Waterbury, Cheshire, Naugatuck and Ansonia. The party, while enjoyed by most every one, was spoiled entirely for our President, Bill Whitcomb, when he found that every bottle of his reserve supply of ginger ale had been opened.

FORREST G. PURINTON, '15, *Secretary*,
10 Murray St., Waterbury, Conn.

The M. I. T. Club of Akron

The last meeting of the M. I. T. Club of Akron was held Wednesday evening, April 6, in the Grill Room of the University Club. The dinner was particularly good and was accompanied by a fine radio concert arranged by R. L. Dietzold, '25, and J. R. Mares, '24, members of the Entertainment Committee. After the last course was cleared away, B. Darrow, '11, President, stood treat with a box of good cigars, and a short business session was held. The latest dispatches from Alumni Secretary, O. B. Denison, '11, were read and necessary action taken in each case. It was quite gratifying to learn that the Akron Club ranked first, having the highest percentage for dues paid. President Darrow explained that our lead over the Club in second place was pretty slim and appealed to all delinquents to send in their dues right away, and not only make our hold on first place more secure, but also boost the batting average of the national Alumni Association.

An appeal for funds for the Athletic Association from Allan Winter

Rowe, '01, was read and a motion carried to take up a collection on the spot for that cause. This is the first contribution on record from the Akron Club to the Athletic Association, and the fact is quite gratifying to us that the ice has been broken.

For the principal entertainment of the evening, the Committee had arranged a card party. Auction bridge, Penny Ante, and other card games were indulged in, according to the inclinations of those present. Some of the more athletically inclined chose to play Cowboy Pool. Chairman Hamblet, '02, of the Committee had worked out a very equitable system of scoring; so no matter what game, or how many kinds of games the individual members participated in during the evening, each had a fair show to win one of the three prizes. It was a very fair system and worked well, in spite of the fact that nobody understood it. The first prize, a leather bill fold, was won by George Heathman, '22; second prize, a decorated smoking outfit, went to B. Darrow, '11; and the third prize, a set of auction bridge cards, to R. L. Dietzold, '25.

In arranging the meeting, the Committee departed from the long established custom of providing an after dinner speaker and is deserving of considerable credit for the good work done. It consisted of A. M. Hamblet, '02, Chairman, George Heathman, '22; R. L. Dietzold, '25; A. A. Lauria, '25; W. C. Johnson, '25; J. R. Mares, '24; H. A. Bruson, '23, and J. B. Maxwell, '24.

The Akron Club was represented at the meeting of The Technology Clubs Associated, held in Cincinnati April 23 and 24, by L. W. Brock, '07, and H. A. Bruson, '23. Both took an active part in all of the activities connected with the meeting and the Akron Club is looking forward to hearing an interesting report from them at the next meeting.

P. W. Litchfield, '96, was recently elected President of the Goodyear Tire and Rubber Company. Mr. Litchfield is an active member of the M. I. T. Club of Akron and we all congratulate him most heartily for receiving an honor which he so highly deserved. Mr. Litchfield has also been elected as a term member on the Institute Corporation.

At a recent meeting of the American Chemical Society held in Akron, the following Technology Club members served on committees: R. P. Dinsmore, '14, W. J. Kelly, '09, and R. B. Stringfield, '15. H. A. Bruson, '23, read a technical paper before the Society. Dinsmore and Kelly are Chairman and Secretary respectively of the Akron Section of the American Chemical Society and, in addition, have been the authors of various papers read before the Society and published in technical journals.

The Akron Club regrets very much the departure of C. W. Greening, '22, from Akron to Bridgeport, Conn. Chet was one of our most active and enthusiastic members. No meeting committee was complete without him. If Bridgeport has a local alumni club, we advise it to sign him up without delay.

C. R. Park, '19, another one of our active members, is in California for six or eight months. We have missed him at our winter and spring meetings, but look ahead to the pleasure of welcoming him back among us again in the fall.

PARRY KELLER, '15, *Secretary*,
Goodyear Tire & Rubber Co., Akron, Ohio.

M. I. T. Association of Cleveland

Forty-three men were present at the second meeting of the season which was held at the Cleveland Athletic Club on Tuesday evening, March 30. We were very fortunate in having for our speaker of the evening Edward W. Norris of Stone and Webster, of Boston. Mr. Norris gave a very interesting paper on the 1200-pound steam pressure turbine which has just been installed by his company at the Edgar Station of the Boston Edison Company. We were led to understand that it was the very latest thing in turbine design and that it is the only one of its kind that has ever been built. It was interesting to hear that a good deal of the testing that was done, before this installation was made, was performed in the laboratories at Technology.

In order that the T. B. M. would get a little diversion before the serious part of the program, Arch Eicher, '21, succeeded in getting some very good entertainers who made merry during dinner.

We were very much interested a couple of weeks ago in having dinner with George W. Ousler, '16, who is Secretary of the Technology Club of Western Pennsylvania. He got us all pepped up about getting the Tech Show of 1927 to come to Cleveland. He managed the show in Pittsburgh last year and said it was very successful, so we are talk-

ing it up in Cleveland for next year. Any Cleveland men who were not at the last meeting and are interested in this subject please let me hear from you.

A. ILSLEY BRADLEY, '21, *Secretary*,
1010 Oregon Ave., Cleveland, Ohio

Indiana Association of the M. I. T.

O. B. Denison, '11, Secretary-Treasurer of the Alumni Association, was the honor guest and principal speaker at a well attended dinner and meeting of Indiana Technology men at the University Club, Wednesday evening, April 21. With his usual versatility, Dennie entertained at the piano with popular numbers and led in singing Technology songs.

Business before the meeting included the nomination of Professor C. E. Locke, '96, as the Club's representative on the Alumni Council again for 1926-1927. The Club expressed its appreciation of his interest and cooperation during the past year. Denison, '11, President Wayne, '96, and A. I. Franklin, '98, spoke of the approaching meeting of Technology Clubs Associated at Cincinnati and urged that Indiana be well represented there. George Fleming, '19, reported, as chairman of the committee on transportation to the Cincinnati event.

Denison gave a most interesting talk on activities at the Institute, telling us about the new courses offered, dormitory conditions, and student activities. Enlightening figures on enrollment in the various courses and classes were presented, together with other Technology operating statistics of interest. His talk was thoroughly enjoyed. The meeting closed with the singing of the "Stein Song" and a Tech yell led by President Wayne.

Out-of-town guests, in addition to Denison, included H. M. Chapman, '02; W. J. Edmonds, '22; F. C. Wagner, '24, and J. C. Woodruff, '11, all of Terre Haute; also W. C. Arsem, '01, of Schenectady, N. Y. Resident members present included W. B. Parker, '88; J. W. Stickney, '96; J. L. Wayne, III, '96 (President); A. I. Franklin, '98; W. W. Bonns, '99; H. S. Morse, '03; C. B. Mayer, '05; L. D. Nix, '08; C. H. Mills, '12; W. J. Daniels, '13; F. C. Balke, '14; N. D. Doane, '15 (Vice-President); J. N. Burford, '16; E. M. McNally, '18; G. G. Fleming, '19; L. W. Bugbee, Jr., '21; R. M. Meekins, '23; F. J. Travers, '23; J. M. Naughton, '24 (Treasurer).

On the evening preceding this meeting, Technology was well represented at a meeting of the American Society of Mechanical Engineers at which the speaker was G. A. Orrok, '89, famed expert on boilers.

The Indiana Association has taken a new lease on life as is evidenced by the spirit and enthusiasm exhibited at this meeting. There are now approximately sixty Technology Alumni in Indianapolis, Terre Haute, Lafayette, Muncie and Richmond, and large attendances are expected to greet the lively programs which are being arranged for future meetings. Technology men planning to be in Indianapolis during the third week of any month are cordially invited to join us.

FRANK J. TRAVERS, '23, *Secretary*,
c/o Eli Lilly and Co., Indianapolis, Ind.

Technology Club of Kentucky

The Technology Club of Kentucky has had a number of interesting meetings this year. The last two occurred some time ago, but they were so successful that the Club members are still enjoying them in retrospect. On January 19, about twenty Technology men gathered at the Louisville Country Club for a most excellent dinner arranged by Curtis C. Webb, '10, and the Secretary, Archie P. Cochran, '20. Nothing that could be desired was missing. The dinner and a brief business meeting were completed in time to tune in on the Phantom Radio Dinner.

Our latest meeting was a dinner in honor of O. B. Denison at which time the Club also elected officers for next year. The Club met on March 26 at the Wynn-Stay Club and enjoyed another delightful dinner, — with good food on the board and Dennie present, the dinner was bound to be a success. We were treated to four reels of moving pictures, — two of the Zizziter films and two of the School of Chemical Engineering Practice. Denison spoke briefly of what is going on at the Institute — the plans for new dormitories and additional wings for the educational unit and about some \$40,000,000 of the present resources of the Institute.

Due to the machinations of the then-Secretary, Archie Cochran, the President, L. S. Streng, '98, appointed a nominating committee of two, James Clard, Jr., '90, and W. H. McAlpine, '96, which brought in a ticket that was railroaded through in about ninety seconds —

thirty seconds to an office — so that the Club's officers are now, President, Frank D. Rash, '01; Vice-President, Curtis C. Webb, '10; Secretary, D. C. Jackson, Jr., '21. The men guilty of this crime were L. S. Streng, '98; J. R. Hancock, '24; W. H. Koppelman, '04; H. M. King, '23; C. P. Worthington, '25; J. A. Miller, '25; G. M. Tapley, '24; James Clark, Jr., '90, and M. L. Ireland, '21.

On May 19 the Club will have a luncheon meeting at the Kentucky Hotel to hear the report of its delegate, C. C. Webb, '10, to the Convention of the Technology Clubs Associated at Cincinnati, and to make plans for its annual outing which occurs, ordinarily, some time in June.

DUGALD C. JACKSON, JR., '21, *Secretary*,
Speed Scientific School, University of Louisville, Louisville, Ky.

Montana Society of the M. I. T.

"Pieces of eight, pieces of eight, pieces of eight." No, we are not quoting John Silver, pirate of the Spanish Main, but the utterances of the eight Technology men who sat down to a beefsteak, a la Spanish, dinner at the New Finlen Hotel, Butte, when the piratical waiters removed the choice unfinished viands, during a discussion of affairs at Technology.

At the call of W. L. Creden, '90, Vice-Chairman, nine of the ten Butte members of the Montana Society of the M. I. T. gathered at the Finlen Hotel, at 6 P.M. on the evening of April 12. The dinner was planned only two days ahead of time, but even then, as far as attendance goes, we batted 900 and when the meal was served increased this to 1200. Such was the company and such the meal that there were no attempts at home runs.

We plan to hold another dinner next month, on the day of the meeting of the Montana Society of Engineers, and beginning in September these dinners will take place every two months. A. E. Wiggin, '07, Great Falls Vice-Chairman, has been asked to arrange dinners for the members at that point. All of this activity is due to Dennie's recent visit.

Therefore, Mr. Schedule Man of The Technology Review, please enter Butte and Great Falls in the dinner list, as planning to have regular dinners, every two months. Visiting Technology men are invited to attend and to ascertain the exact time of such dinners from either W. L. Creden, '90, or the undersigned (and overworked) in Butte and A. E. Wiggin, '07, at the Smelter in Great Falls.

In the excitement of our new activities in Montana, we almost forgot to mention those who occupied ringside seats at the battle with food on April 12. Beginning with W. L. Creden, '90, and going counter-clockwise they were J. L. Maury, '25; A. F. Robertson, '25; George H. Holmes, '24 (a new member); L. A. Stadler, '01; Carl J. Trauerman, '07; Walter Russert, '18; George W. Craven, '98; and William A. Kemper, '04.

The writer is planning a long trip visiting Casper, Kansas City, St. Louis, Chicago, Fort Wayne, Pittsburgh, Philadelphia, New York, Boston, Albany, Buffalo, Cleveland, Detroit and Minneapolis. He plans to call on all local Alumni Association officers and said trip will last from June 1 until July 15.

He was somewhat worried as to facilities of traveling to the municipalities aforementioned until he read the result of the last Council Meeting. However, with such masters of transportation as Elisha Lee, '92, and Alfred P. Sloan, Jr., '95, on the Council, he should not have to imitate Weston for more than half the journey.

The Secretary carries with him the regards of the Montana members to their Alma Mater, but carries no donations for the dormitories. Such may come later. Any one with a practical plan to raise such funds in Montana is invited to get in touch with the undersigned and overworked at the Technology Club, New York.

CARL J. TRAUEMAN, '07, *Secretary*,
Hennessy Annex, Butte, Montana.

Rocky Mountain Technology Club

The Rocky Mountain Technology Club has been fairly active this spring. Dennie arrived on March 17 and stayed until noon on March 19. On the 18th he visited most all of the high schools and entertained the students with his pictures, talks and songs. That evening we had a dinner in his honor at the University Club, at which time we discussed the scholarship proposition and it was voted to appoint a committee to handle this work. Dennie showed his pictures at this time and also gave us a resumé of Technology's activities. The meeting lasted until well after eleven P.M. and we were sorry to leave at that time. Those

present at the dinner were: H. O. Bosworth, '02; S. Burrage, '92; A. C. Dart, '01; C. L. Dean, '05; J. T. Ellsworth, '08; S. S. Emery, '93; R. H. Fox, '12; T. T. Freeman, '22; B. E. Groenwold, '25; O. L. Leonard, '98; A. H. Low, '76; A. E. Moody, '17; O. O'Donnell, '15; T. S. Peart, '19; B. F. Powell, '23; F. E. Shepard, '87, and W. W. Wier, '18.

The Scholarship Committee has sent letters and posters to all the larger schools in Colorado, Wyoming and New Mexico, and has received several applications. The Club is endeavoring to raise a fund to supplement the scholarship given by the Institute, and the money is coming in slowly.

ALVAH E. MOODY, '17, *Secretary*,
1680 South Clarkson St., Denver, Colo.

Technology Club of Northern California

On March 2, O. B. Denison, '11, Secretary-Treasurer of the Alumni Association, arrived in San Francisco and was entertained at luncheon at the Palace Hotel where he spoke on activities of the Institute and showed films of the 1925 Reunion and Chemical Engineering Practice School Courses. In writing to President Stratton of his sojourn with us, he said: "I have just spent two extremely profitable days in San Francisco, where, through the coöperation of J. E. Woodbridge, '93, and Walton Harrington, '10, President and Secretary, respectively, of the Technology Club of Northern California, I met a good many Alumni and addressed nearly 3000 prospective students . . ."

The local newspapers were interested in the new policy of the Institute in awarding Technology scholarships to men from San Francisco and seven other prominent cities of the Union, so we received considerable publicity in their columns during Denison's visit.

At the Tamalpais School, Denison sang "Take Me Back To Tech," which made a great hit. Mr. F. J. Daly, one of the instructors and former captain of the Yale football team, told me that a Harvard representative had given a talk to the boys several days before Denison's arrival but had not sung to them. He said that because of that one song, Technology would be remembered by those boys forever.

Here in the West each local section of the Alumni Association covers a large territory. Our own branch embraces territory bounded by several hundred miles of coast line and extending to Nevada on the East. We have about 200 Technology men listed, about sixty of whom are within close enough range of San Francisco to occasionally get around to our monthly meetings (the last Tuesday of each month). We usually have about twenty members present, some one of whom gives a talk on an engineering subject of general interest, or we may recruit a non-Technology man to address us.

Of late we have had several interesting meetings. On March 30, Mr. H. E. Linden of Navigator Instruments, Inc., delivered an informing address on "The Paulin System, What It Is and What It Can Do." This concerned a new mechanical principle incorporated in the measurement of differences in elevation by means of barometric pressure which has proved very successful and much superior to the ordinary aneroid.

On April 27 we listened to an address by Mr. A. F. Bonnalie of the Southern Pacific Company, who told in detail of the methods employed by that company in the preservation of its timbers and in the design of its creosoting plants. Mr. Bonnalie had specimens of the very destructive termites and limnoriae which destroy so much of the piling and railroad timbering in this section of the United States.

During the summer months we expect to have our annual outing at some one of the beach or mountain resorts in this vicinity. Any Technology men who happen to be out this way are cordially invited to drop in and see us.

WALTON HARRINGTON, '10, *Secretary*,
Room 505, 58 Sutter St., San Francisco, Calif.

M. I. T. Association of the Philippines

The first of the year the Secretary, George E. Lamb, '24, received Army orders which transferred him from Manila to Camp Stotsenburg. The distance is such that he made only occasional visits back to Manila. During this period Lt. S. P. Mills, '21, Camp Nichols, Manila, has been serving as Secretary. On April 6 a very interesting talk was given to the Club by Mr. M. A. Cheek on the rubber situation. Richard McKay, '21, President, is on the job.

An unusually large number of Alumni seem to have been returning to the States, and their absence has been felt.

GEORGE E. LAMB, '24, *Secretary*,
Camp Stotsenburg, Pampagna, P. I.

News from the Classes

'80 The Secretary has received no direct news from any of the Class for over a year. Hamilton has been seen but once and not otherwise heard from. A report came from a friend that Chase had had a severe accident, a fall in the mountains. The Secretary at once wrote to Chase's address in Denver, Colorado, but has received no reply although he wrote several months ago. He hopes when in Denver next August to see Chase or learn the particulars.

The Secretary has had a year of ill health, having had to give up some of his work to assistants but keeping up the greater part of it. He is now better, though not well, and is arranging to take a summer school party to Hawaii to study the geology across the continent and on the four larger of the Hawaiian Islands. The principal places to be visited embrace five days in Glacier National Park, about two days on Mt. Rainier, the Columbia River lava beds and San Francisco region; many points of interest on the Island of Oahu, including many tufa cones and the famous pali; the active volcano of Kilauea and the recent lava flows on the Island of Hawaii; the largest extinct volcanic crater in the world, Haleakala, on the Island of Maui; the "barking sands" and the wonderful Waimea Canyon on the Island of Kauai; then back in America to the Mariposa Grove of Big Trees; the Yosemite; the region around Los Angeles and Pasadena; two days at the Grand Canyon of the Colorado; a day at the Petrified Forest; two days at Santa Fé, visiting cliff dwellings and pueblos; two days at Colorado Springs with a visit to the summit of Pike's Peak; and one day at Denver with a mountain drive. Then direct to Boston.

The Secretary will hope to see many Institute men at various places on the trip. He would very much like to hear from any former members of the Class if they can find time to write. His address in Hawaii will be at the Pleasonton Hotel, Honolulu, H. T.

The Secretary and Mrs. Barton, spent three weeks during the Christmas and New Year's holidays with their son, Donald C. Barton, at Houston, Texas. Their son is H. U. '11, and M. I. T. Sp. '11. He is now Chief Geologist for the Rycade Oil Company, having a wide range of territory under his supervision. This gave the Secretary a fine opportunity to see several of the Salt Dome Oil Fields which he found very interesting as he had not previously seen this special type of oil fields.

GEORGE H. BARTON, *Secretary*,
89 Trowbridge Street, Cambridge, Mass.

'81 Since the last appearance of notes for the Class of 1881 in The Review, there have been no accumulations of news. The Secretary does wish to announce, however, that it has been decided that the Class will hold no Reunion this year. Plans now are to postpone it until 1930, when the Fiftieth Reunion of the Class of 1881 will be celebrated.

FRANK H. BRIGGS, *Secretary*,
390 Commonwealth Ave., Boston, Mass

'84 The annual dinner of the Class, formerly held in mid-winter, will probably come this year on Monday, June 7.

T. W. Robinson is mentioned in *Power* as a member of a committee appointed to consider the ambitious engineering project of bringing water from new Canadian sources to maintain the level of the Great Lakes and offset the depletion now due to the Chicago Drainage Canal.

Members of the Class will learn with deep regret of the recent death of Mrs. W. M. Whitney.

The Secretary had the pleasure of dining last month with Colonel and Mrs. Lyle at St. David's. He is glad to report them in excellent health.

HARRY W. TYLER, *Secretary*,
Room 2-261, M.I.T., Cambridge, Mass.

'85 An article in the *National Geographic Magazine* for May is devoted to North Carolina. In the article is the following account of the agricultural colonies established by Hugh MacRae twenty years ago: "A stimulating factor in the state's truck industry is seen in Wilmington's demonstration colonies. Inaugurated some twenty-nine years ago, they consist of hand-picked farming families from various parts of Europe. Of the twelve nationalities represented on some 3,000 acres, each was selected for its Old World specialty—the Hollanders for bulb culture and nurseries, the north Italians for vineyards and small fruit, the Danes for dairy farming, and so forth.

"The arriving colonist family starts with ten to twenty cleared acres and a house, with coöperatively owned motor machinery and coöperative marketing channels at its service, and the counsels of an agricultural adviser and a social service worker. Not uncommonly these families are raising their own garden food and shipping their first crops within ninety days of arrival."

A Washington dispatch says: "Ideas for artistic embellishment and design of American manufactured products will be sought at the International Exposition of Modern Decorative and Industrial Art in Paris next May. Secretary Hoover announced today that he had designated Professor Charles R. Richards [of our class,] Henri Creange and Frank G. Holmes as members of a commission to visit the exposition, and to make a special report on such details of it as may be of use to American manufacturers."

Bob Richardson's second-hand clothing business which had its beginning at the Reunion, has proved so profitable that he has put in most of the time since the Wianno bonanza in foreign travel. The fact that he has been concentrating his attention on Guatemala leads us to suspect that he has designs on the country, and when they choose a new Gazabo down there, watch the picture supplements for a familiar phiz, with a zither in one hand and Eddie Dewson's trousers in the other.

Dan Lufkin has resigned the chairmanship of the Board of Directors of The Texas Company, because of poor health.

Ed Dewson has been spending the winter at Davenport, Florida, with Mrs. Dewson. As Eddie is Treasurer of the Class of '85 with absolute control of all its deficit, it is suggested that said deficit be audited after this exposure to temptation. He motored to Winter Haven, where Dick Pierce is supporting the golf course but was unable to find said Pierce as he was hunting somewhere for his ball.

Artie Plaisted makes up a Christmas verse out of his own head every year. The last one started out "May your pleasures come in gallons and your sorrows come in gills." The spiritual idea is fine, but if you refer to that poteen you fetched along one year, Artie, the stuff that we had to work off gradually on the Class of '95, turn the gills and gallons around!

On receiving the preliminary notice of Henry Sweet's dinner to the Class, Mrs. Shannon wrote that Dr. Nathaniel V. Shannon died February 2.

Industrial and Engineering Chemistry for May has an article on "The Romance of Carbon" by Arthur Little, an animated and instructive picture of this ubiquitous element, in which it poses as hero, villain, warrior or pacifist in the guise of potential energy, soot, explosive or lubricant. The most impressive part of the article is a brief statement and prophecy relating to the use of gas: "In the country as a whole the production of manufactured gas has doubled within the last ten years, and today the invested capital in the gas industry approximates \$4,000,000,000 and its annual production exceeds 400,000,000,000 cubic feet. Imposing as these figures are, the industrial use of gas has just begun, and the inevitable house heating by gas has hardly started. Having learned to cook by gas, we shall presently extend its use to gas-fired refrigerators.

"Some forty-four American cities and towns are now served by gas, but many others are still without it. They will before long be served by super-gas plants designed for long distance transmission. Already manufactured gas is being delivered sixty miles from its point of pro-

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duction. We have heard much of super-power plants at the coal mines, but their sponsors commonly ignore the fact that the enormous quantities of condenser water required for such plants are very rarely available at any mine. Super-gas plants, on the contrary, require but very little water, but may, nevertheless, distribute potential heat energy over wide areas.

"Very recently, as the result of much research in France and Germany, an entirely new field has been opened to the gas companies through the production, from water gas, of methanol and motor spirit. It has been a serious and not altogether undeserved blow to the distillers of wood in this country, who have not yet learned that the price of progress is research. It promises, none the less, ultimately to afford the gas companies a means of equalizing the present spread between their summer and winter load and the broader gap confronting them as their activities are extended to include house heating."

Fred Newell is living very happily in Washington, the scene of his great work of creating and developing the Reclamation Service. He is devoting most of his attention to The Research Service, Inc., of which he is President. Associated with him are Malcolm Corse, '99, and A. B. McDaniel, '01. Corse was the Washington representative of the brass manufacturers for some time, and McDaniel has a national reputation in the geological field.

Horace Frazer is very actively engaged in creating beautiful homes on Cape Cod where are already many of the best examples of his work. It is reassuring to know that the growing demand for summer homes there is appreciative of architectural beauty, comfort and landscape surroundings which comport with the best traditions of the Cape.

Don't you wish it was this time last year, with that wonderful Fortieth coming on?

I. W. LITCHFIELD, *Secretary*,
10 Kenmore St., Boston, Mass.

'88 The Boston *Evening Transcript* of April 5 stated: "The New England Council will begin at once its study of the sale in New England of New England-made goods in competition with similar goods made elsewhere. This announcement is made by A. Lincoln Filene who is chairman of the council's research committee. Mr. Filene announced that Sanford E. Thompson, President of the engineering firm of Thompson and Lichtner Company, Inc., of this city, will have charge of the field work for the committee. The Thompson and Lichtner Company has been associated with nation-wide studies of the coal industry and waste in industry, and has made surveys of the shoe and metals manufacturing industries in New England.

"In explaining the plan and purpose of the New England Council's Investigations, Mr. Filene said: 'The proceedings at the New England Conference at Worcester last fall brought forth the criticism that some New England industries are failing to keep up with the most modern methods in marketing and in adapting their production to trade demands. The complaint was also made that New England wholesale and retail distributors do not buy goods of New England manufacture to the extent that they might, and that they actually give preference, in some lines at least, to goods made elsewhere.'

"After several weeks of study, the research committee of the council decided to approach the problem by making an inquiry into the proportionate sales of New England goods in the New England market, in comparison with sales of similar goods made elsewhere. Such an inquiry, the committee believes, will not only bring out the facts of conditions in the New England market, but will throw much light also on the production and marketing methods of New England industries in comparison with those of competing industries elsewhere."

John C. Runkle and E. S. Webster are abroad. — H. J. Horn has been engaged in the preparation of several important railroad investigations and reports.

WILLIAM G. SNOW, *Secretary*,
115 Russell Avenue, Watertown, Mass.

'89 Seventeen members of the Class were present at the Annual Dinner as follows: Thurber, Lewis, Wales, Bridges, Gilbert, Cutter, E. V. French, Kunhardt, Laws, Orrok, Williston, Hunt, Boutwell, Bliss, Davis, W. L. Smith and H. French. The dinner passed off pleasantly and the balance of the evening was spent in quiet conversation. Thurber called upon Laws for information regarding the doings of the Council and also told us of the Desmond plan, looking toward the establishment of Technology headquarters in New York. Thurber called upon Kun-

hardt to tell us about his "loop the loop" system, and after some characteristic interruptions Kunhardt made a very short and concise statement which was quite interesting. The party broke up at a very seasonable hour and everybody seemed satisfied.

Following an illness of several weeks Edmund J. B. Huntoon died March 7 at his home in Milton, in his fifty-seventh year. Huntoon was born in 1868 in Canton. His father was D. T. V. Huntoon, and his grandfather, Reverend Benjamin Huntoon, long was the Unitarian minister of that town. Huntoon studied at the English High School in Boston, and was graduated from the Institute in the Class of '89. For several years thereafter he was connected with the Boston Gas Light Company, and later became identified with the Stone and Webster organization, where he was at the time of his death. He was a member of the Hoosic Whisick Club of Canton and had been its treasurer for twenty-five years. He also belonged to the Exchange Club. The surviving members of his family are his wife, who was Ida Vose, and one son, D. T. V. Huntoon; and a brother, also of the same name, who resides in Philadelphia.

Dr. Victor Ray, has been appointed Head of the Department of Ophthalmology of the University of Cincinnati College of Medicine, to succeed Dr. Robert Sattler, resigned. The trustees of the University voted unanimously to appoint Dr. Sattler, who has been Head of the Department since 1882, as Emeritus Professor of Ophthalmology.

Pike has removed his office to 1520 Locust Street, Philadelphia where he has improved facilities.

Some enthusiast has written the Secretary that "he likes to read the notes." This unsolicited and sudden testimonial has shattered our nerves, but as long as even one constant reader holds out to burn there is encouragement to send in items, so don't hold them out on us but mail now.

WALTER H. KILHAM, *Secretary*,
9 Park Street, Boston, Mass.

'90 Your Secretary and Mrs. Gilmore returned on the *Majestic* from England, arriving home March 21. He was much surprised to find that the class notes sent in January had not appeared in *The Review*, but on interviewing the Editor, he finds that it was a case of chicken-pox or some other disease that accounted for the omission. Consequently, the first several items in this month's column are taken from the omitted notes.

At the annual Alumni Dinner, held in Boston at the Chamber of Commerce, January 9, the following members of the Class were present: J. L. Batchelder, H. M. Goodwin, Charles Hayden, H. B. Burley, J. O. DeWolf, G. L. Gilmore, J. B. Blood, F. H. Kendall, G. A. Packard, W. Z. Ripley, W. H. Roots, C. W. Sherman, H. P. Spaulding, W. C. Tilson. Our classmate, Charles Hayden, as President of the Alumni Association, presided in his usual successful manner.

George Packard started January 12 on a several weeks' trip to Arizona and Mexico, on mining consultation. — W. B. Fenn left his home the middle of January for California, by way of New Orleans and Texas, and he expects to be gone for several weeks.

Edward Robinson is now living at 32 Wildwood Street, Winchester, Mass., and Harry A. Kennicott's present address is Drawer D, Box 039, Ft. Lauderdale, Fla. — Frank Atwood left for California, December 26, and expects to return in April. He will then probably go to Italy.

Billy Collins took exception to our notes in the last issue of *The Review*, in which I gave him credit as being President of the Mutual Benefit Association of the United States Finishing business. — Charles W. Sherman, at a meeting of the Water Works Association in Boston on January 12, spoke on "Economy of Municipal Bonds for Water Works Construction." This was published in the *Journal of the New England Water Works Association*.

Cards have been received announcing the marriage of William Ellery Hale to Miss Margaret Brackenridge, at Pasadena, Calif., on April 7. Hale is the son of our classmate.

W. Z. Ripley, as chairman of the newly formed Joint Board of Sanitary Control in New England, presided on May 7 at a meeting of the International Ladies Garment Workers Union, and spoke in favor of the "Prosanis" label to go on all garments. We did not know before that Billy was a Union man. — Darragh deLancey sailed for Italy in January, where he expected to meet his daughter and return late in March. He also expects to get some inspiration in Paris for some of his new art work. His son, who is a Junior at Princeton, was recently chosen chairman of the *Daily Princetonian*. Darragh sailed from Naples in March on the very day that Gilmore arrived there.

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but of course they did not connect. Darragh's Fortieth Reunion of Phillips-Andover comes this spring, and as Class Secretary, he is evidently going to be somewhat busy.

Commander E. H. Brownell has returned to the States from Hawaii, and expects to go to the Naval War College at Newport about July 1, which will be his address in the future. — A letter received from Cyrus C. Babb from Granite Falls, N. C., advises us that there are four in his family; Dudley, a Sophomore at the University of North Carolina; Katherine, a young lady of fifteen summers, and the original Mrs. Babb and Cyrus himself.

Miss Lois L. Howe reports that the firm name has been changed, and is now Howe, Manning and Almy, architects, 101 Tremont Street, Boston. — E. W. Sherman was recently elected President of the Northeastern Section of the American Society of Civil Engineers. He was also reelected to the seventh three-year term as Water Commissioner of Belmont, Mass.

GEORGE L. GILMORE, *Secretary*,
57 Hancock Street, Lexington, Mass.

'91 Arthur Hatch has left the Packard Dredging Company of Providence and has joined forces with Charles E. Fitz (not our Charlie Fitz) with offices at 50 State Street, Boston. They will handle industrial real estate, specializing in waterfront and sidetrack locations. Arthur has had long experience with waterfront conditions in New England. He is to live at Chestnut Hill. It is a coincidence that both his summer home at Barrington, R. I., and that of the Secretary, which is near by, are for sale. Our pleasant personal relations, which include the ladies of the family, will be transferred from Barrington to Boston.

Richard Hale writes that while he was only at Technology a year and is associated with Harvard '92, nevertheless, he has kept up his interest in Technology affairs. He is one of the senior partners of the law firm of Hale and Dorr, State Street, Boston. They handle automobile accidents for Technology students. (This ought to keep them busy). He states that he would be glad to see any of his '91 friends at any time and values his connection with the Class.

The following is from the Lewiston (Maine) *Sun* of April 6: "Charles P. Wetherbee, former Vice-President and Superintending Engineer of the Bath Iron Works, has been appointed consulting engineer for the Westinghouse Electric and Manufacturing Company. While with the Bath plant Mr. Wetherbee was credited with many designs for destroyers, yachts and the battleship *Georgia* in her day. For the most part his work was devoted to machinery installations, especially those involving Parsons marine steam turbines, built by the Bath Iron Works. He is a graduate of the Massachusetts Institute of Technology and later entered the *Ecole D'Application du Geni Maritime*, Paris. While abroad he was one of a brilliant group of young American naval officers."

Our genial friend, the Reverend William Channing Brown, has left the Hub and moved to Valley Inn, Pleasant Valley, Wheeling, W. Va. He is minister at the First Unitarian Church. We hope this will not prevent his continued attendance at class dinners and reunions for we should all miss him.

Henry T. Weed is now located in Brooklyn, N. Y., and his present address is care of Girls Commercial High School, Classon Avenue, Brooklyn. Weed has been teaching in Gardena, Calif., for the last few years. — Frederick H. Rose and Miss Helen Rose have just returned from a trip around the world. — *The Pacific Builder and Engineer* of December, 1925, has a long article on William J. Roberts of Tacoma. He is a civil engineer and has been identified with many large projects in the Northwest. He has for a number of years taught engineering at the Washington State College.

Bowen, Vaillant, and Young are among the pilgrims to the other side of the pond this spring. They proposed a Class Reunion on the beach at Lido, Venice. The Secretary can recommend it from the standpoint of heat and brevity of costume.

News of the Thirty-Fifth Reunion will appear in the next issue of The Review.

HENRY A. FISKE, *Secretary*,
260 West Exchange St., Providence, R. I.

'92 In accordance with the call from the Secretary, a portion of the Class held a meeting at the Boston City Club on May 10. (The meeting arranged by Moody for the New York group was called off.) The meeting was as informal as usual and the lively conversation ranged from the first flight to the pole to the recent journey to South Africa

by Hutchinson about which we should have liked to have heard more. There were present Carlson, Charles Chase, A. K. Church, E. C. Hall, J. W. Hall, Hutchinson, Newman and Shepherd. There were constant questions of "when did you see so-and-so last," "What is he doing?", "Where is he?". I don't give names because the list would embrace nearly the whole Class. Among those heard from in one way and another where F. P. Smith, Hartshorn, Cunningham, Professor Fuller, Wentworth, Morse, Cogswell, Fairfield, Dean, Nutter, Forbush, Moody, Brigham, Stone, Bassett, Richard Waterman and Bigelow. Ingraham wrote as follows: "I am in receipt of your bulletin of April 20 and regret that I will not be able to attend either the dinner of the New York section or the dinner of the Boston section. Kindly remember me to all the boys. If Shepherd is there congratulate him for me for receiving the Desmond Fitzgerald medal for 1925."

Severance Burrage writes as follows: "It is with the greatest regret that distance (Denver, Colo.) makes it impossible for me to attend the '92 Dinner, for I would surely like to join in a good old-time rackety-whack yell and shake hands and hob-nob with the boys. For your information and for theirs, if they care to know, I am Associate Professor of Bacteriology and Public Health in the University of Colorado School of Medicine. And on the side I am a Director in the Colorado Mountain Club, a member of the Denver Camera Club and play the flute in a small symphony orchestra. As an active Mountain Club member, I have assisted in taking upwards of 3000 people into the Rockies on some kind of outings and, incidentally, I get a great kick out of it. I am a member of the Denver Rotary Club and am looking forward to the International Convention here in June. If you know of any '92 men who are going to be here be sure and have them look me up. Please give my best regards to the fellows at the dinner and the same for yourself."

JOHN W. HALL, *Secretary*,
8 Hillside Street, Roxbury, Mass.

'93 The second annual New York Dinner of the Class of '93 was held on Friday, March 12, in the Spanish Room of the Hotel McAlpin, New York City. The dinner was a most delightfully informal affair, with the wives of many of the men present, and started out to be a record-breaker, but sickness caught a number of those who had planned to be there, and business matters kept away two or three others. The following were present: Mr. and Mrs. C. V. Allen, Mr. and Mrs. G. T. Blood, Mr. and Mrs. G. B. Glidden, Mr. and Mrs. P. H. Thomas, Mr. and Mrs. C. A. Tripp, Mr. and Mrs. W. C. Whiston, Professor F. P. Emery, and the Messrs. F. H. Keyes, H. N. Latey, H. A. Morss, F. F. Skinner, J. I. Solomon, J. T. Tomfohrde and G. M. Yorke — a total of twenty.

We especially regretted that Jim Emery was on the sick list as he was one of the prime movers and hard workers in making the affair so successful. Fred Fay wired us from Washington that he could not make the dinner although he had expected to be there. Grosvenor Blood acted as toastmaster on the shortest possible notice, and covered his embarrassment with glory. He read letters and telegrams from absent members and then called on Henry Morss, who, as a member of the Corporation and Assistant Treasurer of the Institute, gave a most interesting account of what was to be done, and the methods of procedure. His talk was very illuminating as it was full of what might properly be called new stuff.

The next speaker was our honorary member, Professor Fred P. Emery. His reception was enthusiastic, as might well be expected, for we all have a very soft spot in our hearts for Professor Emery. His talk was in part an apology. Why? Because Henry Morss beat him to it. He wished to impress upon us the great need of doing certain things which he learned were already being done or were in contemplation, and was greatly pleased to know that the Institute had been thinking along his lines. Modesty prevented him from saying anything about great minds and so on, but it was not necessary. We knew. Professor Emery told us how his time had been occupied since leaving the staff of the Institute, including his present work at Dartmouth. His talk was what might be termed heart to heart, and was thoroughly enjoyed and appreciated by the women as well as by the men. After a class cheer was given for Professor Emery, we adjourned to the reception hall where George B. Glidden showed slides of war pictures which he got for the most part in France during the spring of 1918.

All present were most grateful to the committee in charge for the

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faultless manner in which arrangements rolled along, and the New York contingent may rest assured that next year they will have the hearty support of all who were present.

The Boston spring meeting of the Class, held at the Algonquin Club on Friday evening, May 14, was designated "Bemis Night" in recognition of Farwell Bemis' activities in behalf of Technology, and especially to welcome him home from his third trip to India where he has spent the past winter. Interest was heightened by Bemis' appearance in the costume of an Indian rajah, the latest addition to his wardrobe of Indian costumes, of which previous exhibition had been given at the Thirtieth Anniversary at Wianno. Several years ago Bemis' company built the largest jute mill in India and an engineering works or machine shop, the two plants employing several thousand operators. On his two previous trips to India he completed the circuit of the globe. This time, however, he went and returned by way of Europe. His account of his trip and of conditions in India was both interesting and illuminating and was supplemented by motion pictures which he took himself.

The presence of President Stratton of the Institute, Honorary Member of the Class, was deeply appreciated by the members. Dr. Stratton was a most delightful salad orator and spoke of present conditions at Technology.

Those present at the spring meeting, there being thirty-six in all, included President S. W. Stratton; A. Farwell Bemis and his son, Alan Bemis; F. G. Ashton, New York, N. Y.; C. R. Darrow, New London, Conn.; A. B. Edwards, Woonsocket, R. I.; W. H. Norris, Portland, Maine; R. H. Beattie, Fall River; F. N. Dillon, Fitchburg; H. M. Latham, Worcester; P. M. Lynch, Holyoke; and the following members from Greater Boston: M. B. Biscoe; J. B. Blair; H. N. Dawes; F. W. Fabyan; F. H. Fay; E. J. Flynn; W. S. Forbes; G. B. Glidden; W. H. Graves; F. Hight; C. F. Hopewell; W. D. King; W. F. Lamb; E. I. Leeds; F. F. Low; E. S. Page; A. S. Pevear; J. H. Reed; R. D. Reynolds; F. D. Smith; J. F. Tomfohrde; L. B. Vining; S. P. Waldron; C. R. Walker; and E. L. Wingate.

The Class has lost, by death, five members during the past few months.

Alfred Clarence Thomas was born at Brandon, Vt., on August 24, 1871. After having studied for a time at Miami University, he entered Technology with the Class of '93 and graduated in the electrical engineering course. His whole professional life was given to telephone work. He had been with the engineering departments of the New York Telephone Company and the New York and New Jersey Telephone Company since September 1893, with headquarters in New York and Brooklyn. It was in Brooklyn that he made his home. During the war he was actively engaged in providing telephone facilities at training camps, navy yards and other government activities. Thomas had been in poor health for some time. For several months he had been away on leave of absence, but shortly before his death, which came suddenly, he had returned to Brooklyn and was expecting to be back on his job again very soon. He never married. He was a member of the American Institute of Electrical Engineers and of the New York Electrical Society. His contacts with the Class were not frequent but he participated in the Thirtieth Reunion at Wianno in 1923, much to the delight of his fellow classmates who were privileged to renew the acquaintance of our student days.

Harry Sterling Houpt was fifty-eight years of age at the time of his death, which occurred on November 19, 1925. He was with the Class from 1889 to 1891, a student in architecture. He was one of the pioneer automobile dealers of New York City, having entered the field about twenty-five years ago. Ill health caused his retirement in 1924 from the Hudson Motor Car Company of New York, of which he had been President since its organization in 1915. Previously, Houpt had been Vice-President of the American Locomotive Company when it was building the Alco car. He also had been agent in New York for the Mitchell, Lozier and Thomas cars during the infancy of the motor industry. He leaves a wife, Eleanor G. Houpt.

Samuel Parker Bremer was one of Boston's well-known business men, the son of John L. Bremer, senior member of the firm of John L. Bremer and Company, selling agents for various cotton mills, by which firm Bremer was employed immediately after he left the Institute. In 1896, on his father's retirement from business, Bremer obtained employment with the firm of Parker, Wilder and Company, a well-known dry goods commission house where he became a member of the firm many years ago, and at the time of his death was head of the firm. In addition he was an officer and director of several New England woolen and cotton mills.

Bremer disappeared on the morning of November 26, 1925, from

the Furness-Bermuda steamer *Fort Victoria* as it was nearing New York City. He had been in Bermuda several weeks seeking recovery from a serious nervous breakdown, which was the third of a series that he had suffered within a year. Letters left in his stateroom and addressed to his family and firm indicated that he was mentally deranged at the time he disappeared.

Bremer was born in Brooklyn, N. Y., on November 14, 1872. He was educated at private schools in Boston and at Technology. From 1890 to 1903 he served in the First Corps Cadets, Boston's crack military organization, resigning in the latter year his commission as paymaster with the rank of First Lieutenant.

He was President and Director of the Belvidere Woolen Company, Cocheco Woolen Manufacturing Company, and Gonic Manufacturing Company; Director of the Naumkeag Steam Cotton Company, Stirling Mills, and New England Trust Company; and a member of the Board of Managers of the Children's Hospital. He was a member of the Algonquin, Boston Art, Commercial and Exchange Clubs of Boston, Brookline Country Club, Eastern Yacht Club, Essex County Club, and the Merchants and Union League Clubs of New York. Golf and yachting were his hobbies. Bremer had maintained his interest in Technology affairs and was one who could be counted upon to support the Institute in many worthy undertakings. He married on November 4, 1896, Miss Mabel R. Burrage. He is survived by his widow, three daughters, a brother John L., and a sister, Miss Sarah F. Bremer.

Burt Leslie Fenner, architect, came to the Institute after a course at the University of Rochester and studied architecture with the Class of '93. He left the Institute in 1891 to enter the office of McKim, Mead and White, the well-known firm of architects in New York City, to which he was admitted to partnership in 1906.

C. Grant La Farge, '83, paid the following tribute to Fenner and his work, in the New York press:

"The sudden death from heart failure at his home in Croton on Sunday night of Burt Leslie Fenner is a heavy loss to the architectural profession and a deep grief to his many devoted friends. He was born in Rochester, N. Y., in 1869; attended the University of Rochester and the Massachusetts Institute of Technology, and in 1911 received the honorary degree of M.A. from his University. He entered the office of McKim, Mead and White in 1891 as a draftsman and in 1906 became a partner in that most eminent firm. He was a fellow of the American Institute of Architects, had been Recording Secretary of its New York Chapter and served on many committees. During the war he was general manager of the United States Housing Corporation under the Department of Labor.

"This bald outline of his career means little without more knowledge of his personal qualities. Remarkably clear, sound judgment, keen insight, patience, fairmindedness, unflagging industry, charm: all these he brought to whatever he was engaged in, thus contributing greatly to the success of his firm and invariably commanding the respect and adherence of all associated with him. Nobody who has served by his side in the exacting labors undertaken for the benefit of our profession, nobody who knows his readiness to advise and help its younger members, but is heavy-hearted today.

"In those terribly trying months in Washington when this nation was at last putting its mighty back into the business of war it was my fortune to work alongside him in the task of providing housing to meet the dismaying shortage that had revealed itself; in the remarkable organization rapidly assembled by our splendid chief, Otto Eidlitz, Burt Fenner carried a staggering burden. In such circumstances whatever of weakness or fallibility is in a man, whatever of ill temper and lack of leadership, discloses itself painfully. Nothing of the sort ever showed in him. I, for one, and I think all of us, came out of those hard days with increased love and admiration toward him. It is not alone his profession that should mourn him; it is his country."

Fenner is survived by his wife, Mrs. Louise McKittrick Fenner, and a son, Ward Fenner, now in Paris studying architecture. He is also survived by a brother, Captain Edward Fenner, U. S. N.

Howard Van Doren Shaw, a well-known architect of Chicago, died suddenly on May 7, in a Baltimore sanitarium where he was under treatment for anemia. Shaw was known as the designer of the Flanders Field Chapel and the Brest (France) naval monument for the United States Government. Only the day before his death he had been awarded the gold medal of the American Institute of Architects for architectural achievement. Shaw was born May 7, 1869, at Chicago. He took his A. B. at Yale in 1890 and spent a year at Technology as a special student in architecture with the Class of '93. Practically his whole life had been spent in Chicago where he rose to prominence in his chosen field. He is survived by his widow and three daughters.

1893 Continued

For the Thirtieth Anniversary Class Book, Shaw returned the following account of his career:

"Studied in Italy, France and England for a year and a half after leaving Technology. Only came home to get married. One year in office of Jeuney and Mundie. Practiced independently ever since. Have been an old maid too long to take a partner. Trustee of Chicago Art Institute since 1905; trustee United Charities of Chicago since 1906; trustee Illinois College for eight years. Have held no public office. My only war work was building 400 houses for steel companies making ammunition. I tried for a dollar-a-year job, but was not considered worth that much. Offered to shade it to fifty cents. Armistice spoiled the deal. Get abroad as often as possible and practice in the intervals. My proudest achievement was when Mr. Emerson made me a member of the Advisory Committee of the Architectural Department of the Institute. It's a very decent old world if folks would just leave it alone."

Charles V. Allen, for many years the Mexican representative of the Westinghouse International Company, has this winter been permanently transferred to that company's New York office at 150 Broadway. — Fred Dillon, who gives much of his time to globe-trotting, made a trip to Egypt this winter. — William B. Page writes that he has been with the Crocker and Lamb Realty Trust, 38 Park Building, Fitchburg, Mass., since September last and likes the job very much.

Charles M. Spofford, it will be recalled, had the good fortune to win one of the several prizes offered at the Technology Reunion Banquet last June, that of a trip to the Mediterranean, offered by the Raymond and Whitcomb Company. Spofford made the trip, sailing from New York on April 3, visiting Madeira, Portugal, Spain, the northern coast of Africa, Sicily and Greece, and leaving the ship at Naples for a ten-day trip to Germany where he conducted certain investigations in behalf of the Institute. He returned to New York on the *Mauretania*, arriving May 14, but too late for the class dinner in Boston that evening.

The Secretary is just in receipt of an interesting letter from Toross Torossian, who took civil engineering with '93 and received his degree with the Class of '94. Torossian, who is an Armenian, came to Technology after his graduation from Robert College, Constantinople. He has spent his whole lifetime in the East in the Balkans and in Persia and is now carrying on a consulting engineering practice in Lome, Bulgaria.

In a letter to Henry Morss, Rigby Wason announced the birth of a son to Mrs. Wason and himself on November 11, 1925. Last October Mr. and Mrs. Henry Morss and Mr. and Mrs. James A. Emery dined with Rigby and Mrs. Wason at their residence, 12 Wetherby Place, London. Emery reports that Wason has sold out his business and expects to retire, but had not then formed any definite plans as to where he will live and how he will occupy his time.

FREDERIC H. FAY, *Secretary*,
200 Devonshire St., Boston, Mass.

GEORGE B. GLIDDEN, *Assistant Secretary*,
P. O. Box 1604, Boston, Mass.

'94

Announcement was made two or three months ago of the trip of C. G. Abbot to Southwest Africa and to certain remote parts of Asia in quest of suitable locations for new stations for the study of solar radiation which has long been one of the important lines of research by the Smithsonian Institution. Abbot has recently returned to Washington after a journey of many thousand miles, during which time he located the new station, from which daily reports will be sent to Washington. Construction work on the new station has begun. This station will operate in conjunction with other stations which are taking daily observations on the sun's activities, and it is hoped that as a result of the researches which come from these stations long-range weather forecasting may be done with reasonable accuracy. The new station is on the arid mountain of Brukkaros, in the heart of a Hottentot reservation. The Public Works Department of the Government of Southwest Africa is cooperating in its establishment. The Secretary happened to be in Washington on the day of Abbot's arrival in New York at the end of this interesting trip, but did not have the pleasure of meeting the champion globe trotter of the Class. He did have the good fortune to spend some time with Fowle who is also connected with the Smithsonian in work related to the whole problem of solar radiation. Ninety-four has probably made a larger contribution to this subject than any other college class, for Abbot and Fowle have been engaged on this work almost continuously for more than thirty years. While in Washington a very enjoyable luncheon was arranged for the

Secretary at the University Club, at which members of several classes were present.

Activity in Florida has had as a by-product a pleasant correspondence with H. N. Parker, and it has been most agreeable to cooperate with him in locating a good Technology man as sanitary engineer for the city of Jacksonville. Early in the year news was received of the birth of a son, Rigby Wason, 4th, to our old classmate Rigby and Mrs. Wason. Congratulations, although belated, are extended in the name of the Class.

The Secretary attended the meeting of The Technology Clubs Associated at Cincinnati in April. While he did not meet any '94 men, a most enjoyable time was experienced. The Technology Club of Cincinnati was the host, and certainly pulled off a fine meeting, and one which deserved a much larger attendance. It was gratifying to learn that this Club has established a scholarship to be known as the Richard Warren Proctor Scholarship in honor of our late classmate. The Secretary has recently had the fortune or misfortune, to be somewhat widely quoted, or misquoted, through an Associated Press dispatch following a lecture in the Society of Arts course here at the Institute. The publicity had at least one happy result: a note from Mrs. DeLancey, written in the pleasant vein of combined humor and sarcasm of which she is evidently a past mistress. — Bovey has recently been put on the Corporation Committee on the Department of Biology and Public Health, and it is the intention of the head of that department to make use of this connection to as full an extent as possible. This assignment was made because of the increased activity of the Department in Food Technology, and certainly William can be of tremendous service in this new contact.

There has been some delay in bringing the matter of the Class gift to the Institute to the attention of the Class, but it is coming soon, so get generous.

SAMUEL C. PRESCOTT, *Secretary*,
Room 10-405, M. I. T., Cambridge A., Mass.

'95

By the time our '95 readers receive this edition our Thirty-First Reunion will have passed into history. For those at a distance, who are unable to take advantage of such week-end outings, we state that your officers planned to visit the beautifully located Riversea Club at Saybrook, Connecticut, where the Class has sojourned on several past occasions.

The Reunion was held on June 11, 12 and 13, and a full account of those attending with the various happenings will be reported in the November Review.

We have heard from Gerard Swope, President of the General Electric Company, who has recently made a trip to the West Indies. We are more than pleased to be able to quote some of his many experiences.

It may have been that Mr. Swope had in mind the electrification of banana plantations. Or it may have been that he yearned for a little tropical weather. At any rate, on January 2 last he walked up the gang plank of the United Fruit steamer *Pastores* in company with Mrs. Swope and their son, David, for a month and a half travel on and about the equator.

The main objective of the trip was a visit to the Canal Zone. But, from the snapshots which Mr. Swope has in his possession, one immediately gains the impression that he started out with very definite intentions of riding on as many different kinds of vehicles as he could find. To some this would mean hard work, but to Mr. Swope it was evidently a respite for he returned rested after six weeks of almost continual travel, and filled with enthusiasm for everything he saw. He was particularly impressed with the wonderful work which is being done in the tropical American countries by the United Fruit Company.

From New York the party went directly to Havana, which seems to be the starting point for all South and Central American expeditions. Staying there a day or two, they went on to Jamaica, once a rendezvous for buccaneers, but now a delightful spot where a different kind of "cain-raising" — sugar — is the major activity.

After leaving the port of Kingston, Jamaica, they took a run over to Cristobal, Canal Zone; and from there they departed on the same day for Cartagena, on the coast of the Republic of Colombia. This country, perhaps the least developed of any in South America, still contains vast tracts of virgin jungle.

Two other Colombian ports — Puerto Colombia and Santa Marta — were visited. At Santa Marta the United Fruit Company possesses extensive plantations and is playing an important developmental part.

1895 Continued

From Santa Marta, the party returned to Cristobal, where the part played by the General Electric in electrifying and maintaining in operation the Panama Canal was reviewed with interest. Another Panama port, Bocas, was then visited; and from there Mr. Swope and his son went overland through the jungle into Costa Rica. This part of the trip can best be described in his own words:

"We went overland to Costa Rica on mule-back over a trail through the jungle, where above our heads were white-faced monkeys capering, and strange birds singing. The path in parts was hard and steep and very wet, and we forded the same river some sixteen times. We arrived at the end of the trail, dirty, a little weary and hungry, so that finding a bunch of bananas lying on the ground and ripening, we made a very good meal. I never thought bananas could taste so good."

The destination was Port Limon, Costa Rica, where a large banana plantation was located. From there the party journeyed to San Jose, capital of Costa Rica, near which they climbed the volcano Irasu, 13,000 feet in the air, upon whose crater edge one of the snapshots shows Mr. Swope sitting with a guide.

Tela, Honduras, was the next stop; and from there the party continued on to Puerta Barrios, Guatemala. In Guatemala Mr. Swope was particularly impressed with the almost total absence of transportation facilities. Practically everything is carried on Guatemalan heads.

After a brief stop there, they proceeded immediately to Havana, the port of embarkation on the last leg of a rapid but interesting and highly stimulating trip.

We finally have a line from Billy Sunday — F. S. V. Sias — who is located on the Pacific Coast at San Francisco, Calif. Sias is divisional coast manager of The Standard Register Company of Dayton, Ohio. He writes: "Three years on the present job in the state of glorious sunshine. 'Tis the country of open spaces where men are men. . . . A great and glorious country and one of golden opportunities. A man must have capital here the same as elsewhere, but I honestly believe that small capital with good judgment and business acumen to back it, will produce a larger and quicker return here than in the East. Cordial greetings to all."

A letter from Ernest S. MacGowan locates him in Minneapolis, Minn. We expect to hear more from him.

It is with the deepest regret that we are compelled again to record the passing of one of our beloved classmates. James Winthrop Thomas died on Tuesday, April 13, 1926, of pneumonia. Thomas was born in 1874 at Boston, Mass. He was graduated from the Institute, Course II, in 1895. He was married to Lydia M. Atherton during June, 1900. Mrs. Thomas and one son, Winthrop Atherton, survive him. Thomas was well known to the large majority of the Class. He was prominent in athletics during his entire school career. He was a member of the Phi Beta Epsilon Fraternity, the Technology Club of New York, and the Engineers Country Club. During the past fifteen years he was engineer for the United Gas and Electric Engineering Corporation at 65 Broadway, New York. He was living, at the time of his death, at Plandome, Long Island.

The Class mourns sincerely our loss and extends keen sympathy to his family and to his great host of friends.

Classmates, time is fleeting and we few who are left should get together more often. Let your Secretary hear from you.

LUTHER K. YODER, *Secretary*,
Chandler Machine Company, Ayer, Mass.

'96 Although by the time this copy of The Review is in print our Thirtieth Anniversary celebration will be a thing of the past, still this manuscript has to be in the hands of The Review Editor actually a month before our celebration, and, therefore, about all that can be done is to report the present status. A bulletin, number two, was mailed May 7 to every member of the Class and on that bulletin the names of the following men were given as hoping to attend.

Mark Allen, Billy Anderson, Fred Ashley, R. E. Bakenhus, Arthur Baldwin, Harry Baldwin, Dan Bates, Dave Beaman, Skip Brackett, Eddie Bragg, Harry Brown, George Burgess, Billy Clifford, Bob Davis, W. T. Dorrance, Jim Driscoll, Joe Driscoll, Al Drum, Harry Dyer and son, R. O. Elliot, Harry Fisk, Myron Fuller, Steve Gage, Harry Grush, Joe Harrington, Harry Hayward, H. R. Hedge, W. R. Hedge, Frank Hersey, George Hewins, Joe Howe, Gene Hultman, Sam Hunt, Ben Hurd, Henry Jackson, H. K. Jones, Charlie Lawrence, Gene Laws, Marshall Leighton, Walter Leland, C. E. Locke,

Andy MacLachlan, Eddie Mansfield, Jim Melliush, Charlie Moat, Lou Morse, Myron Pierce, John Rockwell, W. L. Root, LeBaron Russell, N. F. Rutherford, W. L. Sjostrom, Jim Smyser, Bert Spahr, Walter Stearns, Meyer Sturm, John Tilley, Harry Tozier, Lucius Tyler, Perl Underhill, Sam Wise, J. E. Woodwell, Con Young.

In addition, the following names were given of men who had replied that they could not attend:

D. E. Aultman, W. H. Colman, L. A. Freedman, G. C. Hall, Stanley Howland, C. H. Hurd, C. H. Ingalls, E. C. Jacobs, M. S. Jameson, W. H. McAlpine, Irv Merrell, H. D. Newell, Harry Rawson, Bradley Stoughton, George Stratton, H. S. Taft. Russell Porter could come if we had celebrated in Vermont.

This bulletin has not been out long enough to bring full replies but already reports are filtering in and additional names of men who hope to attend are Gurney Callan, Steve Crane, Fred Damon, Walter Coristine, Fred Fuller, Frank Guptill, Johnny Jallaran, Elmer Robinson, Henry Sears and Bert Thompson.

Additional replies of men who cannot come are Lewis Cannon, Joe Clary, Fred Crosby, Fred Forster, Lennie Dickinson and George Hatch.

Clary reports from Washington that Beaman, with his wife and son, honored that city recently with his presence and got in touch with Con Young. Schaller was seen by Clary at a meeting of the Washington Society of Engineers and seemed to be in the usual good health and spirits. Jameson turned up at the radio dinner with his wife and Con Young and Grover were likewise there.

Young reported that he was slated to be on the air Friday evening, May 7, from 9:30 to 10:00 p. m., Eastern Standard Time, station WCAP, Washington, D. C., at which time he would broadcast several songs. Young also stated that according to the newspaper accounts Abram Garfield was candidate for the office of President of the American Institute of Architects, the election coming at the time of the annual convention in Washington.

Dickinson has been struggling hard at Leland Stanford University in California to get his degree of Master of Arts in the Department of Physics during his sabbatical year from the University of Vermont. He expects to receive this degree in June, but, of course, will not be back in time for the Reunion, much to his regret.

Fred Crosby's alibi for not attending the Reunion was that at the present time additions are being built to the club house of the Chicago Athletic Association, of which Fred is the General Manager, and his work is keeping him on the jump until September.

Fred Forster has been under the weather for a while so that he is obliged to run on a light schedule for two or three months while recuperating. He did not feel that he ought to come north to the Reunion.

Malcolm H. McGann has again become lost, but the Secretary has hopes of relocating him through Jack Pechin, who generally keeps track of him. Another man who is lost is James C. Russell, for whom the last address was 5409 Washington Ave., Chicago, Ill. If any one has any information regarding Russell's whereabouts the Secretary will be very glad to receive it. It seems as if some of the fellows in Chicago ought to know where Russell is.

As a part of Fred Ashley's trip East with his wife in June he will study schools in Chicago, Pittsburgh, Rochester, New York, Philadelphia and Washington, in order to obtain ideas for the ten-story vocational school which is under construction for the Board of Education in Los Angeles and for which Ashley has the job of preparing details of equipment. The firm of Austin and Ashley are architects for this building.

Bradley Stoughton has been appointed Chairman and Consulting Editor of the committee appointed by the McGraw-Hill Book Company to oversee the preparation of a new series of metallurgical texts. — Harry Brown has decided that he will no longer undertake to combine business with pleasure, but in order that the former may not interfere with his golf he has given it up. In other words, he is on the retired list.

It will be a source of gratification to classmates to learn of the honors that have come to Paul Litchfield. First, was his recent election to the Presidency of the Goodyear Tire and Rubber Company, at Akron, where he has been for many years Vice-President and General Manager. Second, his popularity is further evidenced by the fact that in the recent tabulation of the list of votes by the Alumni for Term Members of the Corporation, Paul led the field.

Reference was made in a previous Review to a newspaper article regarding John F. Brooks and his general store at North Hanover, Mass. At that time the exact reference was not available, but any

1896 Continued

classmate who cares to look it up will find it on page 59 of the issue of the *Boston Sunday Globe* of January 17, 1926. John has apparently not only made a success of the grocery business but has obtained some reputation as a poet and as one of the solid citizens and officers of the town.

At the time of writing John Rockwell is away with Ben Hurd on their annual fishing trip to Virginia, full reports of which will be available for the boys at the Reunion. The April 8, 1926, issue of the *Boston Medical and Surgical Journal* contained a very interesting article by Rockwell on "Modern Medical Tendencies", being his Presidential address at the annual meeting of the Massachusetts Homeopathic Medical Society.

Lewis Cannon, who had earlier reported that he expected to attend the Reunion, was finally obliged to give it up, much to his regret. He said that he has for a long time been nursing a firm intention to renew old friendships with the fellows, but a big rush of work has entirely upset his plans of traveling during this spring and summer. This work will mean a steady grind for a number of weeks, with a lot of night work thrown in. He had been elected as delegate, with all expenses paid, to the National Convention of the American Institute of Architects in Washington. Mrs. Cannon was already in Washington and their oldest daughter, who is married and living there, recently presented the first grandchild in the family. We must admit that work is certainly pressing to prevent Cannon from attending the Convention, seeing his new grand-daughter, and taking in the Reunion.

CHARLES E. LOCKE, *Secretary*,
Room 8-109, M. I. T., Cambridge A, Mass.

JOHN A. ROCKWELL, *Assistant Secretary*,
24 Garden St., Cambridge, Mass.

'97 Irenée duPont has retired from the position of President of E. I. duPont de Nemours and Company, Inc., and becomes vice-chairman of the Board of Directors and chairman of the Finance Committee. An older brother, Pierre, of the Class of '90 is chairman of the Board of Directors, while a younger brother, Lamont, of the Class of 1901 assumes the position of President.

Word has been received of the death of David Schwartz, V, Vice-President in charge of refining and lard making for the South Texas Cotton Oil Company of Houston. He died suddenly in that city on February 3. There was no warning of the end's approaching. His heart just suddenly stopped functioning. To his bereaved wife and four sons, and to his business associates and many friends his passing was a terrific shock.

Mr. Schwartz had reached his fiftieth year, having been born in Boston, Mass., in 1876. He graduated from Technology in 1897, where he specialized in chemistry. He immediately entered the service of the Southern Cotton Oil Company and remained in that service until the company passed into temporary receivership in 1924, when he joined Messrs. Sherman and Crow in the South Texas Company as master refiner and maker of cotton oil shortening. In the scientific production of that commodity he was acknowledged to have been unexcelled.

During Mr. Schwartz's twenty-seven years with the Southern he had made rapid advancement. Having started as an assistant chemist under George F. Tennille at Savannah, he soon became chemist at the company's Houston plant, and in 1901 became superintendent of the refinery at Gretna, La., returning to Savannah again in 1916 as assistant to Vice-President L. W. Haskell, and in 1917 he was made general superintendent of all the company's refineries.

David Schwartz had a natural faculty for making and keeping friends. He was noted for his amiability and even temper, and for his disposition to find the good points of every man he knew. His death is a severe loss to the industry, which is thus deprived of his very valuable progressive service in research and scientific application.

From a recent issue of the *A. S. M. E. News* we learn of the death on January 15 at Alameda, Calif., of Edmund B. McCormick, II. After leaving the Institute he was for four years Assistant Professor of Mechanical Engineering at the Montana State College at Bozeman. In 1901 he went to the Kansas State Agricultural College, Manhattan, Kansas, as Professor of Mechanical Engineering, and became Dean of the same institution in 1907. In 1907 he became associated with the U. S. Department of Agriculture, Bureau of Public Roads, as consulting engineer. In 1913 he joined the Bureau as mechanical engineer. He remained with the Bureau until 1925, becoming Chief of the Division of Rural Engineering and Chief of the Equipment Division. Mr. McCormick was also a consulting editor of the *Agricultural Engineer-*

ing series for the McGraw-Hill Book Company. His classmates will remember him as a member of the Technology football team of those years, which while not the equal of Harvard and Yale, yet was taken quite seriously by the team and its supporters. Mac, as he was known to his intimates, was well liked for his jolly disposition, and it is with deep personal regret that the Secretary is obliged to advise classmates of his death.

On Saturday, April 10, A. W. Jackson, IV, officially laid the cornerstone of the chapter-house of the Sigma Tau Chapter of the D. K. E. fraternity. This house is located at 403 Memorial Drive, Cambridge.

JOHN A. COLLINS, *Secretary*,
20 Quincy St., Lawrence, Mass.

CHARLES W. BRADLEE, *Acting Secretary*,
53 State St., Boston, Mass.

'99 Edmund T. Stewart, architect, has sent in a graphic summary of the Florida situation as he sees it which comprises the rise and fall and probable future of the real estate in Florida.

"I was infected with the Florida fever, and have been here since January, 1925. During this time great changes have taken place. When I came down I was unable to book passage to Miami by steamer so came by the way of Key West and back to Miami over the famous Flagler railroad, built on the keys and over the water. The trip was a novel and unforgettable experience; the arched roadway, the wonderful colors of the sea — green, purple, blue and red shifting and shimmering in the limitless distance; the stop for lunch on a key — all dazzling white sand and rows of royal palms converging into cool corridors lent a tropic, foreign flavor interesting to say the least. I am glad I came that way. Miami fairly seethed with people and excitement. Rooms were at a premium. Apartment houses and hotels carried signs 'No Vacancies,' and the traveler without reservations was out of luck. Porches and balconies were screened off and rented at big prices. Two and three room bungalows were rented for \$100 a month, and owners would not sell because they were getting such big returns. Old residences were turned into offices and the rooms rented to real estate men who were glad to pay a high price for a front porch closed in with wall board. Many people are unable to get accommodations of any sort in town and lived in the so-called Tourist Camps on the outskirts of the city — frame shacks roofed over with canvas sides. For these they paid from \$30 to \$150 a month. They are still occupied for, despite the general impression in the North that every one is leaving Florida, there are still plenty of people here, although they are not buying real estate as they were. Office space was at as great a premium as living quarters. A year ago a new office building was started on First Street in Miami, and before the foundations were started sixty per cent of the space was rented. Long before the building was completed all space was engaged.

"The boom, however, is over. But the work on large building continues for it is believed by close observers that the growth will continue and that in the future it will develop on a more solid basis, especially when cultivation of the land and real home building take the place of speculative sub-divisions, where lots are sold from blue-prints or stakes in the ground. Fortunes have been made and lost. Those who have bought unimproved land are likely to wait a long time before values return. Improved property, however, should be quite safe.

"I have been associated with Mr. Folger Johnson, an architect from Portland, Ore., and we worked out the plans of several large developments of 50 to 100 millions valuation. This work is very interesting, and is, in reality, city planning. It involves taking a large tract of unimproved land and making plans of a future city — laying out zones for residences, business, apartments, parks, schools, and so on. Then, as it becomes necessary, the different buildings are designed. Administration buildings, city and field offices, entrance gates and the like. Had the boom continued there would have been many residences, schools and other buildings to design — as it is, they are in the future. The present situation seems to be the logical outcome of several factors culminating at this time: the propaganda against Florida throughout the country, where money and people were leaving at an alarming rate; the skyrocketing of prices for land and accommodations; and, recently, the collapse of the stock market. It is the belief of many who are well acquainted with the situation here that those who stick around will find many opportunities a little later. General business is still good, only the real estate market is badly affected, and the pendulum will soon swing back as it always has and always will. The American Automobile Association now predicts the greatest influx of tourists and the heaviest motor travel for this summer in the history

1899 Continued

of Florida, and they are making preparations for it. While I have not fully decided on my future action, I am inclined to stick around here for a while and see what happens."

Next comes a note from James B. Ellery who is with the Erie Forge Company: "I still have my daily work with Erie Forge Company, and Single Tax is still my side-issue, or, because of its great importance as I see it, I might say it comes pretty near being my main issue. All benefits of progress are automatically absorbed by ground rent. That is, any labor saving device or improved form of production (in the chemical field for instance), in short, anything which contributes to the increase of productive power, operates to benefit not the worker and not even the capitalist, but only the owner of land. There is much significance in the above statement which Technology men would do well to consider carefully. Such institutions as Technology are giving all needed attention to ways and means to increase the production of wealth. When are such institutions going to give proper attention to the sadly neglected laws (scientific laws) which govern its distribution? I am not for an equal distribution of wealth, which is socialism. I do desire to see a just distribution of it which can be brought about only by application of The Single Tax: The Golden Rule applied."

Another member of the Class of '99, C. A. Smith, has been elected to membership in the Presidents' Club of Atlanta, Georgia. As a representative of the American Society of Civil Engineers, he now is engaged, with representatives of other technical engineering organizations, in working out a solution of Atlanta's traffic problem. Mr. Smith is Past President of the Atlanta section of the Engineering Societies of the South, and now, in addition to being President of the Georgia section of the American Society of Civil Engineers, he is a member of the ways and structures committee of the American Electric Railway Association and vice-chairman of the wood preservation committee of the same organization, and a member of the American Society for Testing Materials.

From New York, B. R. Rickards sends in the following bit of news: "I was recently commissioned Captain in the Reserve Officers Sanitary Corps. For the past three years I was Secretary of the Kiwanis Club of Albany, from which I resigned on January 1, 1926. I have been Lecturer on Public Health Education, Massachusetts Institute of Technology, Biological Department; and in the Albany Medical College of Union University.

"My son, a young man of fifteen and nearly as tall as I am, is now preparing for college at the Albany Academy for Boys which had the distinction of being the oldest preparatory school in the country — 113 years old. For three years it has had the greatest number of highest ratings on the college examining board."

William A. Kingman of Framingham, Mass., breaks a twenty-five years' silence with the following: "After many years with the Dennison Manufacturing Company, I left them in 1923 and went with the Multibestos Company of Walpole in charge of their development work on asbestos friction compounds. We recently parted company and I am now with the Boston Blacking Company, Kendall Square, Cambridge, engaged in applying chemical reactions to commercial research and factory control. I am still living at Framingham and reiterate my invitation to all '99 men to be my guests at the Framingham Country Club at any time during the season.

"I had a card from Sherrill and learned that he is having a very enjoyable time in California. I have lunched with Charlie Corbett lately and he looks as happy as ever, and is prospering in the advertising game. I also met Warren Priest recently and find he is living in Springfield and is also selling advertising. When any of the old gang strike the Hub I shall be glad of a call and a chance for a reunion over the coffee cups."

D. C. Churchill has travelled a long way only to return. He has done many things out of the ordinary, and his own story is perhaps better than any abstract: "You know I was a missionary in India for about sixteen years and was driven home by ill health of family and self after having turned my industrial school in Ahmednagar, India, into a munitions factory, where we made, among other things, 84,000 mule shackles for tethering equipment for General Allenby near Baghdad. When we joined the war, I had the good fortune to be well enough to go to work and join the J. V. Martin crowd in Elyria, Ohio, making airplanes and building the trans-Atlantic bomber. This was great fun. After the war, I was retained by the company in experimental work on a moving picture machine which gave great promise of success, and still does for that matter, although there are no funds to pursue the line.

"I then accepted a call from an old friend of mine, who is now President of Berea College, to come and teach physics and help to

develop the engineering side of the institution. After a year and one-half of this, I made up my mind that I was not very useful to the institution and also made the discovery that there was a market for hand woven products in this country, and in the summer of 1922 my wife and I started in to build up a business of our own here in Berea. This is now proving successful and has already become the largest institution in Berea, outside of the College. We are employing upwards of seventy people and hope to have at least twice that many in another two years. One of these days, maybe I shall take the liberty of sending you some of the samples of our goods. We shall be glad to welcome any of you any time to look over our plant and we know that your wives would squeal with delight could they see some of the color combinations which Mrs. Churchill's genius is able to arrange in these unique goods. Being in business for one's self is a new experience and, except that we are too busy just now in the beginning of our establishment, it is a very delightful one. The personal connections we are making all the time show us a side of life which we had not hitherto known about."

P.S. from Mrs. Churchill: "I think you would be interested to know that the looms we are using are built by Mr. Churchill in our own shop. They are the development of his many years in India which were so largely spent in studying and improving methods of hand weaving. We cannot procure anywhere in the world the kind of loom which we need for our work, and consequently are having to develop them ourselves here."

W. MALCOLM CORSE, '99, Secretary,
706 Otis Building, Washington, D. C.

A. H. BROWN, Assistant Secretary,
53 State St., Boston, Mass.

'00 Local men are doubtless acquainted with the fact that George Gibbs is about to return to his beloved Paris. The rest of you will be interested to learn that George has resigned his post as assistant rector of Trinity Church in Boston and will sail about June 1 for France, to assume the position of Canon of the Pro-Cathedral, which is the center of Episcopalian activities for all France. Many will remember that Gibbs turned from engineering after several years of work and entered the Episcopal Theological School at Cambridge from which he graduated in 1911. During the World War he had charge of the Technology Bureau of the American University Union at Paris and did a wonderful piece of work for the men overseas. This success led to his being chosen Executive Secretary of the Seamen's Church Institute of America in New York City, from which position he came in 1923 to Trinity Church, Boston. George has been fortunate in that comparatively early in life he found himself and selected that sphere of work for which time has proved him to be eminently fitted. We all hope we have lost him only temporarily and that he will yet come back to the good old U. S. A. Congratulations, old man!

GEORGE E. RUSSELL, Secretary,
Room 1-272, M. I. T., Cambridge, Mass.

'01 Quite recently our peripatetic Alumni Secretary, O. B. Denison, attended the Thirteenth Annual Conference of the Association of Alumni Secretaries and Alumni Magazines Associated — and God knows it takes one of Denny's majestic physical presence to live up to that title — and among other distinguished attendants of the T. A. C. A. A. S. A. M. A., he ran across Bill Newlin. Bill is Dean at Amherst and a recognized expert on the natural history of the alumnus. He presented to the T. A. C. A. A. S. A. M. A. a monograph on the habits of this interesting little animal withholding nothing, sparing nothing, revealing all. I might say further that Bill made his study under the auspices of the American Association of University Professors. His modest little paper greatly impressed the seven A's and the rest of the alphabet and they unanimously authorized the broadcasting of its substance. When I think of the late George Dewey embittered by the naming of two snappy little cruisers as the *Harvard* and the *Yale*, suggesting that the next be called the *Massachusetts Institute of Technology*, he certainly missed a bet. Firing in salvos, how the above polysyllabic lilt would go ringing forth. Anyhow, Bill made a profound impression. He is now engaged in rewriting the manuscript in simple words of one syllable, first, for presentation before the Alumni Council, and later, to constitute the piece of resistance at the annual banquet of the Class of 1901. The Strawberry King has volunteered to furnish the resistance, preferring to spend the postprandial hours in brisk pedestrianism.

1901 Continued

Bill Pepperell has just been elected President of the Rhode Island Textile Association. This organization takes in the executives of some fifty of the principal mills in Rhode Island and is the largest trade organization of its kind in the country. The composing members include cotton, silk, woolen, and knitting mills and finishing plants, the latter being used in a technical sense and with no arrears of pence as Freddy Boyd would remark in his more cosmopolitan moments.

Ralph Stearns sends a welcome word from New York to announce that he has just become hydraulic engineer with the General Engineering and Management Corporation of New York, and behold as he stepped into the offices to assume his duties his first contact was with the Strawberry King. The latter, finding the delights of chasing the elusive potato bug, has foresworn his sylvan solitudes and once more seeks fortune in the busy marts of trade. Paraphrased for the more prosaic, Al has just taken a job with the same company.

The income tax has reaped its toll of victims. Lieutenant Charles L. B. Anderson is now reported at the Naval Base in Norfolk, W. Va. I trust the allusion reaches you. — Albert, likewise named by his adoring parents H. and B. as an adornment to the patronymic of Arnold, has seemingly pulled up his yacht for the winter and resides at 140 Sutherland Road, Brighton, Mass. — Bill Blauvelt reports from 308 West 82d Street, city and state unnecessary. — Robert H. Brown is in the County Court House in Houston, Tex. There is a fell implication in this address, but I know we all hope that Bob is there as an official and not a guest. — E. H. Callahan is another of our urban representatives. He may be reached at 342 Madison Avenue under proper conditions. — Ted Davis is in Waterbury, Conn., and in a drawer, mind you, not a box, number 1217. — The permutation of the nigger gig possibly has its connotation. Jack Eveland must recently have had contact with Denny's association for he can now be reached: bandits, the weather, and ability to carry liquor permitting, with the Sierra Mining Company, Calabacillas, via San Jose de Gracia, Sinaloa, Mexico. — And here be glad tidings. Mr. John D. LeBosquet has at last been found. Shawnee, Okla., is the temporary home — those reared in the New England idiom will grasp the sequence — of this wanderer from our midst. Could he but grace the Reunion. One thinks of the Homeric tales, the full lunged laughter, the titanic jest that would flash back and forth between LeBosquet and Joe Evans.

The time of the Reunion draws apace. A few brief weeks now and we shall be sporting in the shade with Amaryllys — for the benefit of the benedicts let me add hastily, this is metaphorical. Plans are laid, the Committee assembled, the guests are gathering. For the benefit of those who may not participate a few choice words will appear in the next issue since these lines go to press before the event.

ALLAN WINTER ROWE, *Secretary*,
4 Newbury St., Boston, Mass.
V. F. HOLMES, *Assistant Secretary*,
131 State St., Boston, Mass.

'02

Albert Church has been located, after many years, in Oakland, Calif. The Secretary has written to the address furnished us, 845 Calmar Avenue, but so far no reply has been received. — Miss Bates is dietitian at the Truesdale Hospital, Fall River, Mass. — Cummins has moved from Redding to Vallejo, Calif., where his address is 746 Carolina Street. — James H. Brown has moved to the Vaux Apartments, Bryn Mawr, Penna. — Bonnemort has returned to Dedham, his former home, after having been for some time in the engineering department of the N. Y. C. R. R. at Albany. — Hunter visited Chicago on June 7-9 to take in the first Convention of Quantity Surveyors ever held in America. — Paul Hansen was in Buffalo at the meeting of the American Water Works Association, June 7-10.

The sympathy of his classmates is extended to Harry Stimson on the recent death of his wife, Elizabeth Bogue Stimson. The Stimsons were married in 1908 and have a son John, born in 1911, and a daughter Annie, born in 1917. Their home has for many years been at 36 Salter Road, Maplewood, N. J.

In his recent trip to the far west, Denison learned, while in Butte, that our classmate, William J. Winslow, was killed in a mining accident in Mexico in the fall of 1924. Winslow was a classmate who seldom reported. He had been for many years in mining work in the West, mostly in Montana. As far as we have learned he was not married.

George Bright died at Pottsville, Penna., March 1. Since the death of his father, twenty-one years ago, he had been at the head of Bright and Company, dealers in hardware and mine supplies, in his native city. After graduation Bright spent a year with the Dominion Iron and

Steel Company at Sidney, C. B., and following that nearly two years with the Reading Railroad. He married Catherine Roads in 1908 and leaves, besides his widow, three daughters, Margaret, Catherine and Alice, and one son George R. Bright.

An account of the Class Outing at Riversea will appear in the next issue of The Review.

FREDERICK H. HUNTER, *Secretary*,
Box 11, West Roxbury, Mass.

BURTON G. PHILBRICK, *Assistant Secretary*
276 Stuart St., Boston, Mass.

'03

We are indebted to Professor Charles E. Locke, '96, for the following: "F. D. Kehew, '03, who left last summer to take a position with the Messina Copper Company, Transvaal, South Africa, has reported his arrival after a rather cold, uncomfortable trip. The town consists of a railroad station, a hotel, one general store, several Kafir stores and the company houses. The smelter is a small but very interesting one, a single reverberatory furnace, having a capacity of seventy to eighty tons of wet concentrates per day, and the matte is converted in a small basic lined reverberatory furnace instead of the regular converter. The climate is rather warm and dry. In fact, Kehew says he has not seen enough rain to lay the dust. The thermometer does not get as high as in Arizona but the climate is a little harder to stand, since the nights are rather warm."

The following letter has been received from Hewitt Crosby, University Station, Box 185, Tucson, Ariz., and while not intended for publication it is too good to pass up.

"The last two issues of The Technology Review have contained more Naught Three news than we have seen for many a day. Your appeal for more news, however, has filled me with chagrin, for I well remember being appointed at the Cape Cod Reunion a committee of one to stir up the fellows in New York and vicinity. This is a job which I should have attended to long ago, but the pressure of business and also my endeavors to regain the robust health which I have always enjoyed, have interfered greatly with some of the personal tasks which I so enjoy. At last I have sent out a series of letters to the men whom you listed in your letter to me. For your information I am enclosing with this letter a carbon copy of what we are mailing. I hope it will produce results and that you will be swamped with news. I suppose that inasmuch as I am jogging up the rest of the boys to write you something of personal interest, it is up to me to tell you what I have been doing for the past few years.

"During the war, as you may remember, after being refused a commission in the Army because I am a naval architect and it was thought that I could do better service in ship building, I was assigned to the management of one of the shipping board yards. By chance it happened to be the shipyard which launched the first of the infamous wooden hulls and incidentally the only shipyard east of the Rocky Mountains which was especially honored by the government for its speed of construction. It was a great experience, and the spirit and loyalty of the 3000 men who helped put the game over is one of the most thrilling and pleasant experiences of my life. After the Armistice I was assigned to the management of a shipyard in New Orleans. Here we built a shipyard on a swamp and then proceeded to build five freak steel ships designed by a famous French mathematician named Parmentier. Although built on mathematical lines they proved to be difficult problems, about as hard to get together as a submarine. This, too, proved an interesting experience, although it was difficult in the hot climate of the South to produce anything like the results which were possible in the wooden shipyard on the Passaic River.

"After the French shipyard in New Orleans was well under way, and the first steamer had been launched, I was once more shifted, this time to Port Huron, Mich., where The Foundation Company, with which I had been associated since the beginning of the war, had a small repair yard which had been acquired late in the war to build steel tugs for the Shipping Board. When the Armistice was signed the contract was cancelled, and our problem was to run the yard at a profit until it could be sold. After two years we succeeded in disposing of the property, which was the last of the ten shipyards operated by The Foundation Company during the war. Three years' close contact with The Foundation Company in its ship building activities made me desire to stay with its organization, even after it dropped out of ship building, so, at my request, I was assigned to the new business department which, for a period was under my direction. Later the management of the foreign department was turned over to me — why, I do not know, but I found the work most enjoyable. Meanwhile, the strenuous work

1903 Continued

in New Orleans and elsewhere during the war had begun to tell upon me, and three years ago it was necessary to take a short vacation in Canada in order to rest up some unruly nerves. This put me in shape to take over my work once more with The Foundation Company and also to carry on the secretaryship of the Manufacturer's Foreign Trade Conference, a small but powerful group of manufacturers interested in foreign trade. About a year ago I began to realize that I was feeling well enough to enjoy a real vacation and that a year or so away from the incessant grind of New York would be a good investment, not only for myself but for the family. I accordingly made arrangements to sever business connections and be a nomad for several months. This, however, did not work out, as The Foundation Company offered me the job of representing them in Arizona. It was said that this job would keep me busy only part of the time, and I would have the rest of the time to do as I pleased. So far the combination of work and play has worked very well indeed. Arizona is a great state. It has wonderful possibilities. If I were a young man I know of no other place where I would rather settle. The field is especially large for engineers, as there are great hydro-electric developments, irrigation projects, roads to build, and also cities and towns. The people here are wide awake to the necessity and the importance of the engineer and his opportunities are greater than elsewhere. As a vacation land, Arizona is without equal. Each week-end finds us in some different place, seeing new and thrilling sights. This year away from the busy city will indeed be a good investment. . . ."

Following is a letter received from Charles S. Glenn, Solvay, N. Y. "I have a letter from Hewitt Crosby saying he was commissioned to see that '03 men wrote you some news of themselves.

"My life has been uneventful except that I have acquired a wife and four children of whom the eldest is now nine years old. At present they display no engineering talent, though they might qualify as boiler makers. The only member of our Class with whom I have come in contact, who has a larger and worse family, is Bill Mitchell who gets up to see me occasionally. He has more of them, all of them worse. I understand that Bill is building an asylum for them on the Red Mountain in Birmingham. — Dave Mohler of our Class is here with this Company (The Solvay Process Company). He is still unmarried and drives a Dodge car. I do not know which I would rather be. I presume that we will have a Twenty-Five Year Reunion some time within the next ten years. I hope to attend this."

The following letter has been received from William P. Cross, 49 South Avenue, Rochester, N. Y.: "I am still running the shoe pattern business established by my father, which I took over at his death in 1904. Of late years the shoe industry in this vicinity has not been especially good, but taking good and bad years, I have no reason to kick. I am living six miles out of the city in the village of Pittsford, where my children attend school. They are aged sixteen, thirteen, and ten. During the past three years I have been a trustee of the Baptist Temple in this city, during the period when we were erecting an office building of fourteen stories, which also houses the church. I am neither gray, nor bald, nor fat."

The following letter has been received from W. P. Regestein, Wilmington, Del.: "Several days ago I received a letter from Hewitt Crosby requesting that I send in some class news. I am sorry to say that there isn't anything in the nature of news that I can say about myself. This is not due to modesty on my part. There just 'ain't none.' I can, however, give you an item in regard to George Bradshaw. About a month ago Brad was relieved of his duties as Superintendent of Intermediates Department, du Pont Dye Works, and is now special assistant to the director of the Manufacturing Department of the Dye Division of the du Pont Company. Brad is still living in Jersey, but I expect he will move to Wilmington when he finds suitable quarters. . . ."

Walter H. Adams of Burbank, Calif., has been for several months on the staff of the City Engineer's Office in Los Angeles and is enjoying the work there.

A letter from G. H. Gleason follows and we are glad to note that Tom is now up and about again. "Some of our dear interested classmates might deem it news to know that our Tom Sears seems to have gotten the hospital habit. As you all know, a couple of years ago he had a long session with one of his legs, and he was in and out of the hospital several times, but he is just now recuperating from another cut-up somewhere in his mid section which might have been very serious, but Tom himself reports that he expects to be out of the hospital in a week or two better than ever."

Does any one know the present address of Ralph B. Yerxa? Mail has been returned unclaimed from him addressed to The Shelton, Lexing-

ton Avenue at 49th Street, New York City. Will any one who knows his present address please communicate with the Secretary? The Secretary wishes at this time to thank any members of the Regional Committee through whose efforts several of the above letters have been received. We hope that more of these personal items will be available for the next issue of The Review which will appear next fall.

CHESTER S. ALDRICH, *Secretary*,
10 Beaufort Rd., Jamaica Plain, Mass.
GILBERT H. GLEASON, *Assistant Secretary*,
25 Huntington Ave., Boston, Mass.

'04 No notes have been received by The Review Editors from the Secretary of this Class for inclusion in the July issue. The Secretary received the usual notification that copy was due, accompanied by such news as had been compiled in The Review office. Members of the Class having news or inquiries should address them to Harry W. Stevens, Secretary, at 12 Garrison St., Chestnut Hill, Mass.

'05 An important change in the organization of The Bell Telephone Company of Pennsylvania became effective May 1, on which date Francis J. Chesterman, Vice-President and Chief Engineer of that company became general manager of the Pittsburgh and Western Pennsylvania area with offices in Pittsburgh and continuing as Vice-President of his company. In his new capacity Chesterman will have charge of all telephone activities in that part of the state, whether they relate to the plant, traffic, commercial or engineering departments. Chesterman has been in the service of the Bell System since graduation, first with the American Telephone and Telegraph Company in experimental work in New York, Chicago and other large cities. In 1907 he was transferred to the engineering department in New York. His association with the Bell Telephone Company of Pennsylvania dates from 1920 when he became Chief Engineer. For the foregoing news item, we acknowledge indebtedness to The Review Editors.

Jimmie Banash writes from Chicago: "On the way back from the Coast last week I wired Charlie Clapp to meet the train if he conveniently could because I certainly would like to see how the job of University President has affected our genial classmate. Yesterday I had a note from him saying that he could not get down to the depot on account of some delegation which he had on his hands, but I am going to try to stop over at Missoula, Mont., the next time I get out that way and look over his layout. I met some of his students on the train and they certainly think very highly of our Charlie."

This is sort of funny. Here is a letter from Charlie himself. "I intended writing sooner to protect you from any further assaults by the Editor of The Technology Review. As usual, however, procrastination — or perhaps it would be more dignified, if not more truthful, to use the phrase of a distinguished educator in a similar position in a much larger institution, my 'administrative habit' got the better of me and I neglected to do it. I hope to make up for it in part by my enclosed check for dues.

"Money is short enough but '05 news with me is even shorter. There is not another '05 man in Montana [we have a card that says Bayne is in Deer Lodge. Secretary] and since my last trip to Boston in 1923 the only '05 man I have met is Joe Daniels who prospects in Montana once in a while. I listened in on the Radio Dinner with the assistance of the designer of our radio station KUOM, who ought to be a Technology man but isn't.

"I can't for the life of me keep down the desire for the smell of a wet mine, a little powder smoke and a carbide lamp. When I get too cranky, the wife and youngsters insist for their own sakes as well as for the sake of the students and faculty that I go off on a geological bust for a day or two.

"Faculty meetings are not so bad, if you use the engineering method."

We can sympathize with Charlie in his desire for the smell of a wet mine for we once operated a sewage-disposal plant and have often longed for the good old smell.

Relative to our Florida story in the April Review, we have a few comments. Grafton Perkins says: "Billy Ball is certainly an elaborate reporter. He forgot to tell you, of course, that Frank Elliott is now Prime Minister of England, Bill Tufts has just bought out Henry Ford and Norman Lombard has moved to Japan to take charge of the Imperial Japanese railroads. This I am sure will be interesting information to you and fully as correct as Ball's statement that I am

1905 Continued

directing the Coral Gables advertising. Far be it from me. I may be poor, but I'm honest!"

And Bill Spalding writes with some brevity: "I didn't go to Florida last winter."

For their benefit and in the interest of historical accuracy, let it be here stated that there was not a word of truth in the whole story. Please excuse us.

Roy Allen writes on the letterhead of the Dongan Stone and Lumber Company, Dongan Hills, S.I., N. Y. "My request last September to have mail sent to me at Chappaqua, N. Y., did not mean a change of business; merely my home address. We have lived in Chappaqua (one of the beauty spots of Westchester County, and only a little over an hour from New York) for nearly two years. A year ago, we bought an old farm house with some four acres of land. The house is said to have been standing by the road when Washington's soldiers retreated from the Battle of White Plains. This house we fixed to our liking, though retaining the ancient charm. [why the 'though'? Secretary] Now we probably shall have to sell it, for there has been a business change.

"Since April 1, I have been serving as manager for the above company, my principal job being to develop a quarry for building stone and crushed rock, though as a side line there is the general oversight of some office and warehouse buildings in Manhattan, and a 500 acre estate and some rented properties in this part of New York City. Thus far I have been kept fairly busy, but have managed to get home to the family over the weekends."

The President of Roy's company is Ernest Flagg. We seem to remember that the architect of the Singer Building was building monolithic concrete bungalows made of Roy's crushed rock, which will doubtless be standing twice one hundred and fifty years from now.

Arthur Howland reports that he has been with Starrett and Van-Vleck, architects, of New York, for the past eighteen months. — It may not be news, but we have just noticed on the letterhead of the Sampson and Murdock Company, 'Grosvenor D.W. Marcy, President' — Edwin Smith is with the Fox River Paper Company, Appleton, Wis. — E. W. Washburn, editor of the *International Critical Tables*, has been appointed Chief of the Chemical Division of the U. S. Bureau of Standards. — Elliott Lum's address is changed to Graybar Electric Company, 154 North 3rd Street, Columbus, Ohio. — About May 1, Bob McLean had a chronic appendix and other things fixed up and is feeling fine. — Two Chicago boys, H. S. Foland and W. A. Nelson have disappeared and we'll welcome news of their whereabouts. The same thing applies to W. S. Mann, late of Los Angeles, Calif. — Carl Danforth writes from Bangor, Maine, that he spent a pleasant evening with Joe and Mrs. Daniels in Seattle. He says that Joe seems to be happy and prosperous and somewhat stouter than twenty years ago.

From Herb Wilcox comes: "On April 15, I resigned from the National Aniline and Chemical Company and on the 16th joined forces with the Western Electric Company as commercial operating manager. My offices will be Room 529, 195 Broadway, New York. I expect to continue my residence in New Haven."

And here is one from Seedy Klahr who has been mum for a long time. "Have been out of touch with the boys for a long time and miss them greatly. Made plans to attend the Reunion last June with Bill Motter but unfortunately was obliged to cancel them at the last minute. I am at present connected with the Penn Public Service Corporation in the construction department. This public utility is now a part of the Associated Gas and Electric Company of New York. I am located in Erie temporarily. As a front-page news item, Mrs. Klahr and I wish to announce the birth of Charles Dean Klahr, Jr., on January 4, 1926. M.I.T. class of '51." Is it too late for congratulations?

Henry Russell, who has just been discovered at 334 North Jackson Street, Atlanta, Ga. writes: "Was a bit surprised to note that I was considered among the missing for the past ten years or more and am somewhat curious as to whom I am indebted for telling you of my location. Possibly it was through A. Senior Prince, of Cincinnati, whom I always visit on my trips there two or three times a year.

"Since you have asked, I will say that in 1915 I was transferred from Chicago by the General Electric Company to Dallas, Texas where I remained until entering the Royal Air Force in 1918. After leaving the service, the General Electric Company transferred me to their subsidiary, the Edison Electric Appliance Company at Atlanta, Ga., where I was until the fall of 1922. For two years I was associated with the Mitchell Vance Company of New York and since then have been most pleasantly associated with the Walker and Pratt Manufacturing Company of Boston."

To be assured that Russell was thoroughly lost, read on: "I note that you mention some Technology publications, and particularly The Review. This is the first intimation I have had that such publications exist, and if you will tell me how I can secure them, I will be most glad to do so. Incidentally, I did not know that the Class of '05 had ever held any reunions." Well, what do you think of that!

Sort of funny again, for here's Prince, President of the L. M. Prince Company, 108 West 4th Street, Cincinnati, who says: "The past twenty years have been quite uneventful. I am married, have two children and have been connected with the Prince Company since the time I left the Institute."

Five had a theatre party on April 22, when the Class occupied a large section of the floor of the Boston Opera House for a performance of the Twenty-Eighth Annual Tech Show. Present: Charlie and Mrs. Boggs, Harry and Mrs. Donald, Sid and Mrs. Strickland and Roll Prichard.

Our one-time Assistant Vice-Secretary, who went to London, England, last winter, was the principal speaker at the Mayor's Big Mining Rally in Winnipeg, Manitoba, March 20. We refer to Harry Wentworth, who was "Cheered to the echo when he stated that if only adequate transportation facilities were provided to link the city with the Manitoba-Red Lake gold field, 100,000 would be added to the city's population." We fancy some of his mines are out this way but anyway, with "copious maps, tables of mineral production and so on," Mr. Wentworth got some big head-lines in the Winnipeg papers.

ROSSELL DAVIS, Secretary,
Wes Station, Middletown, Conn.

'06 The Secretary has heard from a number of the Class, as a result of correspondence in connection with the Twenty-Year Reunion. It is unfortunate that this issue closed before the account of the Reunion could be included. A full report will be contained in the fall issue.

Under the date of March 28, E. M. Eliot, VI, wrote as follows: "I can't be with you at the Twentieth Reunion because I have to stick too close to my job. I wonder if you and Ned Rowe have an idea as to what has become of me or what I am doing, or if you would be interested to hear. I have been permanently settled in Detroit for eight years and at present I am sales promotion man for the Wright Austin Company, where I have been now for three years. By sales promotion I mean follow-up letters, quotations, direct-by-mail advertising, house organ, catalogue making, and magazine advertising. The Wright Austin Company is a small concern doing a nation-wide business and some international business in steam traps, separators, alarm water columns and exhaust heads. I am well acquainted with about fifty Technology men here, and Bob Doremus, '14, is a particularly good friend. This through the Detroit Technology Association. I am still a member of the A. S. M. E. and A. I. E. E., although I have not been active in engineering work since 1918.

"There are three '06 men in Detroit or vicinity beside myself: H. W. Brown, assistant superintendent of the Postum Cereal Company, Battle Creek; Howard Blake, representing a Chicago architectural firm, on the construction of two of Detroit's largest buildings; Udale, the Englishman, who seldom attends the Technology gatherings. That's about the whole story except that I belong to the usual collection of small clubs and am Treasurer of the Unitarian Church."

Sid Carr, VI, returned his card from Honolulu, with the following note: "Sorry I cannot be with you at Reunion. I am planning to come East this fall. Wish you good luck." — Jack Norton, who is Professor at the University of Chicago, sent his regrets, and also stated that he had no class news. Everything, he said, was going along about as usual.

The following comes from Bob Clark, XIII, who is in Oakland, Calif. "It appears to be useless for me to make any plans for being at the Twentieth Reunion of '06, even though wishing it were possible is about the 'fondest thing I am of.' However, I would be very glad to know what is arranged for the occasion, if you think it proper to advise one who can by no stretch of the imagination see how he can be present to enjoy the festivities. My best wishes for a successful Reunion, as well as for your personal welfare."

H. D. Church, II, sent his regrets. Church is with the White Motor Company at Cleveland. — Ralph Patch will miss the Reunion, as he is to attend an outing at the Lake Placid Club in New York. Ralph is so busy, the Secretary has no luck at all in dating him for any event. We observe, however, from the May Review, that he attended the annual dinner of '05. It ought to be our turn next time.

1906 Continued

Burton Kendall is in charge of the development of toll systems at the Bell Telephone Laboratories, 463 West Street, New York, N. Y. He was planning to attend the Reunion, but the dates which we selected were already taken on his calendar, so he could not make it. The Secretary acknowledges a copy of the Bell Laboratories' record which Burton was instrumental in sending. This included a number of references to his work, but as the Secretary promised not to capitalize these references, you will have to take our word for the fact that Burton is doing very important work along the lines of telephone engineering.

Charlie Hamilton, VI, was in Boston the latter part of April. The Secretary had an opportunity for a brief visit with him. He is with the Lamson Store Service Company, and has been located in Portland, Ore. From now on, he expects to make his headquarters in San Francisco, devoting his attention to sales to large department stores. Charlie spoke of running into Joe Santry in Syracuse, N. Y. The latter, by the way, is President of the Combustion Engineering Company in New York and from all accounts is very successful. In response to the preliminary notice regarding the Reunion, Joe replied that he was Vice-Commodore of the Corinthian Yacht Club, Marblehead, Mass., and suggested that the Reunion be held there. Joe was advised that we felt committed to meet the New York people half way, and therefore Marblehead could not qualify on this basis. The offer was much appreciated however, and it is suggested we reserve it for some future outing.

The Boston *Transcript* of a few weeks ago contained the following article which will be of interest in connection with the previous statements. "One of the most interesting of stay-sail rigged racing schooners of the coming season will be the former New York fifty-foot sloop *Pleione*, which will fly from her main truck the red Vice-Commodore's pennant of the Corinthian Yacht Club while in Marblehead waters and the private signal of her owner, Joseph V. Santry, during the runs of the New York Yacht Club. Her new rig has been devised by L. Francis Herreshoff and is being installed at the Herreshoff Manufacturing Company's yard at Bristol. She will be an aspirant for both the Astor and King's cups this summer and the Vanderbilt gold cup. If she wins the first named trophy it will be the second time that the same yacht has won two such cups under different rigs, regarding, of course, in this instance, the Goelet and Astor Cup races as practically continuous affairs.

"In 1887, 1888 and 1890, the Boston cup defender, *Volunteer*, rigged as a sloop and owned by General Charles J. Paine, won the cups for single masted yachts offered by the late Ogden Goelet, and in 1891, the same Burgess product also under General Paine, as a schooner, captured her fourth Goelet trophy. Upon the death of Ogden Goelet in 1898, the event was carried on by Colonel John Jacob Astor.

"After his success in the Buzzards Bay race last August, in which he won the rear commodore's cup with his Q-class yacht, *Spendrift*, Commodore Santry, becoming desirous of entering the major yacht racing game, purchased the *Pleione* and ordered her rig changed to a schooner. She was dropped overboard from the lower Herreshoff yard two weeks ago, and soon after inspected by her new owner and the designer of her new rig in company with the creator of the class, N. G. Herreshoff. The work of taking out her old spars and installing new ones will begin very soon.

"The rig which young Herreshoff has devised for the *Pleione* will be in some ways like that on the *Advance* and *Buccaneer*, with a tall Marconi on the main and a comparatively short foremast. It looks as if this arrangement would enable her to break out one of the big balloon main-topmast staysails for the entire fore-triangle, a sail which will be one of the features of the big schooner racing gear the coming season. Commodore Santry is one of the cleverest Corinthian sailors on the coast and has scored heavily at Marblehead in various classes. His advent into major yacht racing and especially on a schooner will be watched with much interest."

George Hobson, I, sends these regrets: "Guess you will have to put me in the Rip Van Winkle class because I simply cannot get on for the Reunion. I am to be relieved from the War Department General Staff on June 1 and must go on troop duty at Ft. Humphreys, Va., so cannot get away so soon for a leave. Best regards to the '06 crowd, and I hope some day to be stationed in Boston so I can get in on some of the activities."

Inspiration, Ariz., is the P. O. address from which Guy Ruggles sent his letter: "I would like to be at the Boston City Club at 6.00 P.M. Thursday, April 1, but business reasons will prevent my getting away. Finances too might have a little to do with it. Then, too, our transportation system is not sufficiently fast to allow me to receive a letter

at Inspiration, March 29, and be in Boston, April. 1. An airplane could take it but we do not have them in this section of the country. While I would like to be on your mailing list for the Twentieth Reunion, I really believe it would be stationery and postage wasted. — I was in Boston and vicinity on Sunday, February 14, for the first time in eight years. I only spent one day there, and returned to New York and then to the West, so I had no time to see anyone except my relatives. Yours for a rousing Reunion."

John Donovan, IV, who is an architect in Oakland, Calif., contributes these lines: "I received your circular letter about the Twentieth Reunion of the Class of '06. I don't know that I shall be East at the time of the Reunion. I am planning to go sometime this year, but whether it shall be that time or not is problematical."

The Secretary is indebted to Professor Locke, who is very thoughtful about forwarding news items which he picks up in following mining activities: "W. J. Deavitt, III, for many years superintendent of the American Smelting and Refining Company's Santa Eulalia unit, in the State of Chihuahua, Mexico, has been transferred to the company's El Paso office."

Otto Blackwell, VI, was in Boston in May 10 and 11 for the purpose of addressing a group of Technology students. Learning of his visit beforehand, the Secretary arranged for a luncheon at the City Club on the 11th and was successful in collecting ten classmates to take luncheon with Otto. Those present were: Ray Barber, E. S. Chase, Henry Darling, Henry Ginsburg, Charlie Casson, Ned Rowe, Abe Sherman, Malcolm White and Stewart Coey. The latter was on a business trip to Boston and heard of the luncheon through Ralph Clarke. The attendance of twelve was quite a record for a '06 party. A mighty pleasant time was had, discussing various subjects, from Otto's trip abroad, to the Twenty-Year Reunion.

Some fellows suggested arranging similar occasions more frequently. There is no doubt but that there is an opportunity for more affairs of this kind, and the Secretary hopes several such luncheons may be held next year.

J. W. KIDDER, *Secretary*,
8 Harrison Ave., Boston, Mass.

EDWARD B. ROWE, *Assistant Secretary*,
11 Cushing Ave., Wellesley Hills, Mass.

'07 Albert F. Bancroft is now the Representative for 1907 on the Alumni Council, elected for five years. The Secretaries are glad to have Bert, who has shown a lot of interest in Technology affairs during the last few years, in this position. He will bring to the Council executive, financial and sales ability of the type which has made him one of the outstanding shoe manufacturers of the eastern United States. This statement is not hot air — it is the reputation that Bancroft enjoys among shoe and leather men. Bancroft-Walker Company is the firm, 13 Wormwood Street, Boston, Mass.

The following three address changes, while not exciting reading are informative: Raphael G. Hosea, 1062 Pearl Street, Denver, Colo., Robert E. Keyes, Cooling and Air Conditioning Corporation, 31 Union Square West, New York, N. Y., and Walter B. Kirby, architect, 68 Fifth Avenue, New York, N. Y.

Kelly Richards has left Portland, Maine, where he has been for several years, and is associated with the Hudson Construction Company, 6 Beacon Street, Boston, Mass.

The following letter from Vernon Roody, 166 Park Avenue, Saranac Lake, N. Y., is self-explanatory. Your Secretary suggests that you write Rood some bright and pithy letters. He'll appreciate them. "Your kind letter of January 25 was received some time ago, and I should have replied to it before this. It is a pleasure to write you personally, but I do not feel quite equal to the task of preparing a letter suitable for publication in *The Review*, although I have no objection to your telling the fellows about me if you think they would be interested.

"For several years I have been feeling far from fit, and after losing considerable weight and feeling considerably stiffened up with what I thought was rheumatism, I decided to go to Battle Creek for a real diagnosis of my case, as the doctors in Utah could seem to arrive at no conclusions in the matter. The doctors at Battle Creek very quickly gave me a diagnosis of chronic pulmonary tuberculosis, saying that I had probably had it for from five to ten years. The shock of this unwelcome information was somewhat lessened by the advice that I come to Saranac, and that I would probably be able to put myself in shape to return to work in a year or two, provided I would not thereafter do anything that required strenuous physical effort.

1907 Continued

"The first of last May I came to Saranac, and have been flat on my back in bed ever since, taking the regulation cure. It has been a pretty slow and tiresome job, but the last traces of fever finally left me about the middle of February, and an x-ray photo of my chest taken two weeks ago shows considerable improvement over a previous picture taken early in November. So far I have regained about twenty pounds of my lost weight and have very nearly reached my normal figure, and at this writing I believe I am going to make the grade, although I expect it will be about another year before I can leave for home.

"The President of the Company for which I have been working is Mr. R. F. Haffenreffer, Jr. of Fall River, Mass., who is also a Technology man (Class of '95), and has treated me most generously, which, with the love and care of Mrs. Rood, has left nothing which would be done for my happiness and comfort. The radio is certainly a joy to fellows in my situation, and I hear all the good things that come in from all the large eastern cities. I enjoyed the Phantom Technology Dinner very much, although reception was rather poor on the particular night of the dinner.

"Thanking you for your inquiry, and with kindest regards to yourself and any other of the boys you may meet, I remain, Sincerely yours, V. S. Rood."

BRYANT NICHOLS, *Secretary*,
2 Rowe St., Auburndale, Mass.

HAROLD S. WONSON, *Assistant Secretary*,
W. H. McElwain Co., Manchester, N. H.

'08

The fourth and last bimonthly dinner of the season took place at Walker Memorial on Tuesday evening, May 11, with the following present: Lang Coffin, Medlicott, P. J. Hale, Alton Cook, Linc Mayo, Winch Heath, Steve Lyon, Jeff Beede and Carter. Burt Carey and Toot Ellis as well as Freethy were expected, but the usual shower which preceded the dinner apparently held them up. They lost a good meal, however, as the steward gave us the best dinner we have had this year.

Consideration was given to a summer outing, and it was decided to hold an informal outing on Saturday afternoon and evening, July 17, at Nantasket, the plan being to leave Boston soon after noon, probably on the 1 P.M. boat from Rowe's Wharf. Further information will be circulated. Please return promptly the reply post cards which will be sent.

A recent copy of the Kansas City *Star* announces that Harry Rapelye has recently become affiliated with the MacFarland Engineering Company, Kansas City, Mo., and his present address is Kansas City Club, Kansas City, Mo.

HAROLD L. CARTER, *Secretary*,
185 Franklin St., Boston, Mass.

'09

For some time it has seemed to the Secretary that the Class notes in The Review would be much more interesting if it were possible to obtain more information from the members of the Class, most of whom are either too busy, or too modest to send in notes about themselves. It has just been suggested that if we might have Assistant Secretaries located in some of the larger centers throughout the country, who would act as sort of clearing houses for Class News in their respective districts, not only would interest in the Class be stimulated through the larger number of news items appearing in The Review, but closer touch would be maintained between the Class and the Institute.

The Class is particularly fortunate that Paul Wiswall has consented to serve as the Assistant Secretary in New York and it is hoped that others may later be appointed in other cities. Paul has for some time been keeping a list of the addresses of the men in the vicinity of New York, and has arranged for class luncheons from time to time and has always been much interested in class affairs.

We hope that eventually class luncheons may be held in the various cities, similar to those which have been held in Boston and in New York for a number of years.

R. C. Glancy has recently been appointed chief engineer for the eastern territory of the Bell Telephone Company of Pennsylvania, with headquarters at Philadelphia. — George Gray has come back to New York after several years at Omaha, Neb., and is now with the International Telephone and Telegraph Company. — L. H. Johnson continues to be a telephone circuit magician at the Bell Telephone Laboratories, but on the side he is a gentleman farmer at Madison, N. J. He reports that the spring plowing was finished last Saturday.

Reg Jones has a baby daughter, Elizabeth, seven months old. He

has been building a summer home at Falmouth, Mass. He says it is in the Cape Cod Farm House Style and that Cameron Clark, '10, of Clark and Arms, is to be credited with its architectural merit. — John E. Otterson, whom some of you will remember as naval instructor, has recently been appointed general commercial manager of the Western Electric Company. — Dr. George T. Palmer is the research director of the American Child Health Association and has recently been attending the American Health Congress at Atlantic City where he was Chairman for his Association.

Andrew L. Matte has recently completed a charming Colonial home on Druid Hill, Summit, N. J. — George T. and Mrs. Southgate are in New York for a time. George is working very intensively on a service trial of his latest invention, the pyroelectric furnace, at the Grasselli Chemical Company, Grasselli, N. J.

At the meeting in Cincinnati in April of The Technology Clubs Associated (the federation representing the sixty-eight Technology Clubs throughout the country) our classmate, Thomas C. Desmond, was elected President of The Technology Clubs Associated for the ensuing year. During the past year Desmond has been President of the Technology Club of New York and has been giving considerable of his time to speaking at various Technology alumni gatherings, regarding his plan for a National Technology Center in New York.

Desmond stated that the Cincinnati Convention unanimously endorsed the plan for the National Technology Center, which provides for a national headquarters for Technology Alumni in New York City, in a large combination office and club building to be located in the Grand Central Zone. The plan also includes an establishment in the National Technology Center of a greatly enlarged employment service for the 21,000 Technology alumni throughout the country, as well as offices in the building for President Stratton and the various Technology professors who come to New York to do consulting work. The balance of the building not required for club purposes and Technology offices, is to be rented out for commercial offices, thus producing an income which will help to carry the charges of the building.

A short time ago R. L. Jones gave a talk to the seniors at the Institute on "Opportunities for College Men in the Bell System." R. L. is at present in charge of research and development in the telephonic quality and telephonic devices for the Bell Telephone Laboratories, Inc. From 1911 to 1923 he was on the staff of the Western Electric Company.

Richard S. Ayres is with the U. S. Shoe Company in Cincinnati, Ohio.

The Secretary has just received the following letter from Chet Dawes, who is spending the summer in Europe: "I have just received a clipping of the '09 news concerning my trip here in Europe. Evidently some of the unwonted publicity which the newspapers gave me had come to your attention. We landed in Naples on Washington's birthday and left immediately for Sicily where we spent nearly four weeks. Since then we have spent considerable time in Naples, Rome, Florence, Venice and Milan, and now we are here at the Villa Servelloni, Bellagio, on the Italian Lakes, one of the most beautiful spots in Europe. The younger Pliny once had his summer residence here, and the present gardens are considered the finest in Europe. Incidentally there are two fine tennis courts, and on my first attempt I was subdued by a lady from Poland.

"While at Milan, I visited many of the large industrial plants, including the works of the General Electric Company, and the cable works of the Prielli Company. I studied every process of the manufacture of the new 132,000 volt cable which this company is manufacturing for the New York Edison Company. This cable is the highest voltage one that has heretofore been built, and has many unique and notable features of design.

"Since we intend to cover Europe rather thoroughly while I have the opportunity, we will not return until late in September. Hence if the Class has its usual outing this year, it will be the first one that I have missed. I trust, however, that a good number will turn out and a good time is always assured. If you see any of the fellows, give them my best wishes. I hope that you, too, will have a pleasant summer."

CHARLES R. MAIN, *Secretary*,
200 Devonshire St., Boston, Mass.

'10

No notes have been received by The Review Editors from the Secretaries of this Class for inclusion in the July issue. The Secretary received the usual notification that copy was due, accompanied by such news as had been compiled in The Review Office. Members of the Class having news or inquiries should address them to Dudley Clapp, Secretary, at

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15 Draper Ave., Arlington, Mass., or to R. O. Fernandez, Assistant Secretary at 264 W. Emerson St., Melrose, Mass. The next opportunity for publication occurs in October.

'11 It certainly is gratifying and we are all proud of the way our good friend, Dick Ranger, VIII, is staying in the public eye with his wonderful accomplishments on the radio transmission of photographs. Dick has been in England for some time but expects to be back in time for the Fifteen-Year Reunion. His work particularly came to the forefront at the time of the big strike in England and here is an interesting story which appeared in the *New York World* of May 2:

"London, May 1. A remarkable feat of physical endurance has been accomplished by Captain Richard H. Ranger, inventor of the trans-Atlantic wireless photography, who has gone practically without sleep for the last ten days during the tests of the apparatus which was put into commercial service last night. Only Captain Ranger understands the machine thoroughly, and the tests have been continuous since they started, requiring his incessant supervision, as slight difficulties crop up from hour to hour. Occasionally he snatches a bite of food, and today, after the first batch of pictures had been sent to New York in the ordinary commercial routine, he allowed himself three hours of slumber. He has preserved unflinching cheerfulness throughout the ordeal."

Those of us who know Dick well — and that number is legion — have always been more interested on the other side of his character than the scientific side and it is indeed interesting to have received recently a clipping sent in by E. M. Young, I, which told of the splendid work that Dick is doing in connection with St. Mark's Episcopal Church in Newark, N. J., both as choir-master and as an active and interested worker for the Brotherhood of St. Andrew. You will be interested to read the heading of an article of more than one column length in the *Newark Evening News* of April 17: "Dual Side to Life of Captain R. H. Ranger. His Genius in Radio World and His Hold on the Vested Choir He Organized at St. Mark's Equally Influential in Their Spheres."

It is with extreme regret that I record here the passing of one of two brothers who were originally members of our Class, Nathaniel G. Herreshoff, Jr., who ultimately became a member of the Class of 1912. He died on April 4. I have already expressed the sympathy of the Class to his father, Nathaniel G. Herreshoff, Sr., of the Class of 1870.

When in Dayton in April I was disappointed in not seeing Heinie Kenney, VI, for it seems he has been reassigned from McCook Field in Dayton to Langley Field, Va. Just after being in Dayton, I visited the alumni club in Indianapolis and it was indeed a delight to meet Jack Woodruff, X, who came down with a group of alumni from Terre Haute to the dinner meeting in Indianapolis in my honor. Jack seems to be real happy in his new berth with the Commercial Solvents Corporation.

While traveling on this trip, I ran into Ike Hausman, I, in a club car and we had a dandy chat. Again our famous aurora borealis shines: witness the following clipping from *The Wiley Bulletin* for February issued in the interest of education and devoted to the publications of John Wiley and Sons, Inc.:

"Marcus Grossman's translation of Professor Heyn's 'Physical Metallography' published during the summer is, according to reviewers, a competent and sympathetic translation of Heyn's conception of the advances made in the science. *Foundry* comments on it as follows: 'The book deals not only with the science of metallography, but the other sciences such as physical chemistry which are so closely related to it. . . .'"

Ike had hoped to get to the meeting of The Technology Clubs Associated at Cincinnati near the end of April, but was unable to do so. He reports business is very fine for his building products company.

Classmates will be interested to learn that the Technology Club of Chicago reelected Jim Duffy, VI, as Secretary, at its annual meeting on May 3. In his characteristic manner Jim has done much to aid President Millar, '02, in holding to its high standard the work of this active local alumni association.

It is indeed encouraging the way the returns to the Reunion are coming in and we are sure that we will have an interesting story to relate in the next issue of The Review.

ORVILLE B. DENISON, *Secretary*,
Room 3-207, M. I. T., Cambridge A., Mass.
JOHN A. HERLIHY, *Assistant Secretary*,
588 Riverside Ave., Medford, Mass.

'12

Please get out your notebook again and reserve the second week in June, 1927, for our 1912 Fifteen-Year Reunion. Johnny Noyes writes that he will be there from Duluth and wants to see all his old friends. Let's make it worth while for the fellows who are coming from a distance and turn out the crowd. If it's worth the effort of coming 1500 to 2000 miles, certainly everybody within a 100 miles radius can be there. Johnny wants to be on salt water, for although Duluth rates as the Zenith City of the Unsalted Seas, it cannot boast of the good salt twang found in the Long Island Sound air. John still represents the Sullivan Machinery Company in Duluth and covers the Lake Superior mining district in addition to Minneapolis, St. Paul, Winnepeg, and the Dakotas. He extends a cordial invitation to look him up when in Duluth.

Guy Swenson is located in Concord, N. H., with the John Swenson Granite Company. Besides quarrying granite he is bringing up a son and daughter and this, he states, occupies a good part of his time. The Swenson Granite Plant is located on the Daniel Webster Highway about one and one-half miles north of Concord. Drop in when touring the White Mountains.

A. L. Pashek is now located in Cleveland, Ohio, as technical engineer of the Interstate Business Exchange, 658 Rose Building. — George Sprowls is with the Goodyear Tire and Rubber Company and does a deal of traveling about the country in their interest. — Herbert W. Hall is in charge of the Country Club of Detroit, Gross Point Farms, Mich.

C. D. Davis writes from Hazelton, Penna., where he is located as superintendent of buildings and supplies with the Lehigh Telephone Company of Pennsylvania. As is usually the case, Technology men are few and far between in this vicinity and Davis asks any one near him to drop in. — Charlie Carpenter is now located in Atlanta, Ga., at 104 Peach Street Place. He is connected with the Georgia Railway and Power Company in the sales department.

It seems that the meetings of the 1912 New York Lunch Club have lagged somewhat during the winter months due to the absence of members from the city and other weighty causes. April 24 brought out eleven men at the Technology Club. Clarence McDonough was welcome as a regular member having been transferred to the New York office of The Foundation Company from Pittsburgh.

It is with regret that we announce the death of Nathaniel G. Herreshoff, Jr. He passed away on April 4, 1926, from a severe attack of pneumonia. Until 1924 he was associated with the Herreshoff Manufacturing Company in charge of their electrical department. Upon the sale of the company to a syndicate he was associated with the Cranston Worsted Company, Bristol, R. I. He is survived by a widow and two children.

FREDERICK J. SHEPARD, Jr., *Secretary*,
125 Walnut St., Watertown, Mass.
D. J. McGRATH, *Assistant Secretary*,
10th Ave. & 36th St., New York, N. Y.

'13

As the Young Man of The Review remarked "the final issue is at hand. Six months ago it seemed highly unlikely that it ever would be, but here it is."

Larry Hart sent a long letter about a recent business trip through Georgia, Florida and South Carolina where he visited all the salesmen of the Johns-Manville Company in the southeast. Larry, you know, is the high mogul of the sales forces with his headquarters in New York City. While at Greenville, Larry called on the President of the Southern Weaving Company, none other than our old scribe, Fred Murdock. In Larry's words: "Fred took me through his weaving plant which gave me a fine idea of the large business he is doing down there. Apparently the South agrees with Fred, for he has certainly put on some weight." The greater portion of Larry's letter is an attempt to convince us that he caught a big fish at Miami. If he really did he is the only person on record who went to Miami this year and did not get hooked himself. As proof of his catch Larry submitted a photo, and he offers to forward affidavits of many prominent citizens of Miami to support his statements. Coming from that region they would not be worth the proverbial tinker's dam. Larry swears the sail-fish was six feet ten inches from tip to tip. I'll bet he isn't much longer than this paragraph which is plenty but then you fellows are getting off light. After reading the twenty-page letter, I had to sit all most all of one day and actually listen to Larry's oral description of the catch. That you are spared. However, we had a good old chat and I am satisfied that Larry caught something because he says he has it on the

1913 Continued

wall of his home and we are all invited to see it any time we go to New York.

Al Ranney also dropped in on us and brought another breath from the Southland. Al is busy at engineering construction at San Antonio and elsewhere along the southern border. His firm is Harris, Spaulding and Ranney. Al is just the same old kick, just as blonde as ever and just as single. He told me that Salibi is in the government service in the Philippines, looking after highways.

Jack Farwell sends a post card from Monte Carlo with the note that he is looking over the "Stock" along the Mediterranean, while selling pumps. Hope you didn't lose your commish at the tables, Jack, but I suppose any one who was able to bluff his way through the "Stute the way you did, could even show the bunch at Monte a few tricks.

Ken Blake, XIV, comes to bat with two helpful contributions which are very much appreciated. He sent a clipping from the *Textile World* of May 1 about Arthur E. Hirst, V, which states that Hirst has been made superintendent of printing of the American Printing Company of Fall River, Mass. Ken further reported that he had seen an item somewhere to the effect that Lester F. Hoyt, V, had left the Larkin Company to take charge of control operations of duPont Rayon Company of Buffalo, N. Y. And at the Textile Show in Boston recently Ken had a chat with Elwin L. Corbett, V, who is now in charge of the Boston office of Tagliabue Company, makers of thermometers and similar instruments.

Edward N. Taylor, II, writes from 7 Patton Place, Upper Montclair, N. J., that he is superintendent of a factory manufacturing reflectors and other goods by the electroforming process: building the entire article by an electroplating process. He finds the work very interesting.

Thinking it might be well to try to get some class funds, if possible, to defray the enormous expense for postage used each day in acknowledging letters from members of the Class, your scribe sent Bill Brewster a copy of the letter received not long ago from one Ed Hurst, a former Treasurer of Technique and well versed in the art of making one dollar grow where none grew before. The following is Bill's reply and if you can tell me what he advises me to do, dinged if I won't do it.

"You send me a copy of a somewhat impassioned letter from one Edward Hurst, and request my opinion as to its being libellous or, for any other reason, actionable. Since you are now a Counsellor-at-Law you will, I am sure, expect my reply to be in the direct, non-evasive language of your chosen profession. Of course, you realize that no evidence has been brought to my attention which enables me to determine the mental condition of said Hurst, save such as appears indirectly in his letter. We may consider that point. His letter is unmeasured in its terms of expressions, that must be admitted. It may be that he is *non compos mentis*. It is true that there is a certain logic expressed; that may be the result of his earlier scientific training, whose traces endure through much. And I find scattering instances of keenness, of hitting the nail on the head, we may say. I am not a student of mental diseases, but I believe it has been said that occasional flashes of brilliance are not an unknown accompaniment of certain mental disorders. So much for that point.

"But assuming for the moment that the letter is the utterance of a responsible member of society, what then are your rights? The answer to this question must depend largely on the facts, together with some legal considerations. The essence of Hurst's complaint seems to be that you have presumed to consider yourself as the dictator, whereas you are actually the serf; that you consider yourself to be a Mussolini, instead of merely the rest of Italy. To give an opinion on this point would require reference to the article which you wrote, and to which he refers. At the present time, I cannot put my hand on that Declaration of Independence, and for the moment we pass this question.

"But the terms of your election, and its legality must be considered in connection with the whole subject. What are the provisions of the Constitution or By-Laws of the Class of 1913, with respect to the office you adorn? Reference must be had to the documents in question. I strongly suspect that there is no provision which allows you to issue orders to the members of your Class, or at least that nothing is stated which allows you to enforce obedience to those orders. Whether or not Hurst will be able to produce proof of this, is, again another question. It may well be a question of fact — which will be for a jury to decide; a lawyer can only advise on points of law; he cannot predict the workings of the composite mind of a jury. There is no reasonable doubt in my mind on these points, and I therefore feel it wise to advise you to go ahead in the direction I have indicated."

Now we had hoped to get some damages out of said Hurst but in the

light of what Bill says or doesn't say I guess maybe we owe Ed something. One thing I know the Secretary owes Ed and that is his sincere thanks for writing the letter he did in order to try to stir up the Class. Not only did Ed do that, but he took a list of several classmates and wrote them each a letter requesting news for the class notes. (Ken Blake and Caldwell have also volunteered in the same way.) True we have not had a unanimous response, but the two following letters from Currier, II, and Custer, also II, were received by Ed and handed in. Here is Currier's:

"In reply to your very intriguing appeal of March 19, I have finally got to a point where I must take time to answer it, before it is too late in order to help out your next letter in The Review. I looked at the April number and, of course, found nothing, so I take the matter to heart enough to make a small contribution, although it may not be of much value in your class notes. I am still plugging along in charge of the experimental design drafting room for White Motor Company, trying to keep up with the ideas of that well known Technology man, H. D. Church, '06, who is our director of engineering. . . . A surprising coincidence occurred recently when Friend Wife came home dragging a fancy box of ornamental candles, which upon inspection I found to bear these mystic symbols, "W. de Y. K." This, of course, made me think of our old friend Bill, than whom no other would probably bear this particular combination of initials, so I assume that Bill has gone into the fancy art business. Good work, Bill, let your light so shine, and so on."

Custer's letter follows, in part: "What business do you have to write me such a letter as yours of the nineteenth? The idea of your stirring up out of the depths of my brain, such thoughts as are associated with the words entropy and modulus of elasticity!

"I suppose what you want is a complete categorical account of me since I was released from the 'Stute. Of course, the first thing I had to do was get married. After that I started to look for a job. After I found I couldn't get a job on my reputation or experience, I managed to get one, with a good strong pull, at the National Cash Register Company. I parked there doing research work, such as it was, for three years. I then decided to paddle my own canoe, blew my job, and started in with a little two-for-a-nickel machine shop, specializing on making parts for dilapidated and broken-down automobiles. At that time, there was no such thing as a respectable service station. The War came on, and my work was elevated from the rôle of automobile mechanic to special experimental aeronautical development work for the Air Service. After the war was over, I started up what is now The Custer Specialty Company, and began the manufacture of amusement park devices of all kinds, the most notable of which are our Custer Cars, which some of you birds may have ridden, in amusements parks.

"I still have the same wife I married after graduation as well as two kids, one three years and one eight years old. I still live in the same town, and am not in jail."

Early in March President Mattson called a group of six together to discuss the Reunion of the Class this year. Three of the six swore that at the class dinner a year ago it was voted to have such a reunion. The other three said the first three did not know what was voted and that it was only suggested that a reunion be held. The consensus of opinion being so nearly divided, the six thought it wise to gather the clansmen within fifty miles of Boston and see how they felt about a Reunion. One hundred sixty-five letters were sent out with addressed reply cards on which were written five questions, all of which could be answered by Yes or No. Thirty-one men sent in the reply cards; one hundred and thirty-four did not take the trouble to do so. Of this thirty-one, only twenty-one were in favor of a Reunion in June, and only twelve came to the meeting to discuss it.

In view of the very apparent lack of interest it was decided to give up any idea of a Reunion and instead to devote our energies to reminding at least one hundred and thirty-four men that they are members of 1913.

Ed Hurst was at the meeting of the six and of the twelve, and he urged the men present on both occasions to try out the scheme of having a 1913 Club in Boston. Accordingly, and largely because of his enthusiasm and the able assistance of Arthur Townsend, another supper was held in May and still another is scheduled for the second Monday in June. It is intended to have a supper regularly throughout the school months, with an informal meeting afterwards at which different classmates will give a talk on their particular specialty, either their work, hobby or anything else on which they are informed and care to enlighten the rest.

At the May meeting Joe MacKinnon, VI, now Registrar of the

1913 Continued

Institute, gave us some most interesting figures of the present student body and costs of operations, and made comparisons with our own day so that we could appreciate how things had changed since Fido was a pup. Following this, came Art Townsend who gave an altogether brief but still comprehensive review of the courses now taught at the Institute and touched on the many very interesting new subjects and work that is now in the front. Both talks were instructive and most thoroughly enjoyed by the seventeen members present. Achard, VI, offered a "purpose" for the existence of the new club. It was popularly received and he was requested to put it in proper form to present to the Class as a whole. More of this later. It is good and will strike a responsive chord. Ed Hurst outlined the idea of the Club again for the new attendants and you can rest assured that it won't be Ed's fault if the idea is not carried out.

Those present in May were Salomonson, Hurst, Glidden, Bartel, Wardwell, Hession, Russell, Achard, Fallon, MacKinnon, Pardy, Parker, Nelson, Capen, Townsend and Peck. Art Townsend arranged the supper and Jumbo Mahoney helped out very materially. A good time was enjoyed by all, and it is hoped many more will come in June and at the meetings in the fall.

As we said before, this is the last issue until fall. There is a long time now before you in which to write a letter to either Phil Capen, Canton, Mass., who has kindly consented to become Assistant Class Secretary, or to the Scribe. We hope you all enjoy a pleasant summer, a fine vacation, and a reaction to form so that 1913 will be once more on the map. Au revoir and good luck.

HARRY D. PECK, *Secretary*,
99 State St., Boston, Mass.

'14 Your Secretary certainly all but lost the reputation our Class has acquired for getting notes to The Review on time. As you probably have noted, 1914 is one of the few classes having notes in every issue. Here it is the last issue of the year and we almost lost our place. Anyway, it was all Jimmy Judge's fault. And Jimmy hadn't been serenading any light houses at the Riversea Club this time either! Jimmy graduated from Course VI and, having done so, seems to think he should know something about a radio set. You know they all get that way at first. Of course, his set did not work and he foolishly wrote your Secretary for advice. It was the last straw, so your Secretary just packed up and disappeared to Atlantic City to join other poor radio manufacturers in their annual discussion of what to do with 20,000,000 Jimmies.

When the new day dawned, The Review forms had closed and no 1914 notes were in! For fourteen solid hours we argued, the Editor and I, and as 'Fourteen always triumphs, here we are. But not until I had agreed to get five new advertising accounts for next year. Now just watch next year's Review for those accounts. First will come Buck Dorrance. He has taken a color page to tell of Campbell's delicious soups. You know the kind — the ads that make even a 1914 mouth water. Jimmy Judge is next. He got me into this mess. Watch for a page on the uses of Highland Manufacturing Company stationery. Then comes Sousa Brooks, we certainly will be glad to see a page on how to use the Red Edge shovels he donated at our Ten-Year Reunion. Charlie Fiske was only too eager to have the General Motors Acceptance Corporation tell in a page, how to buy your car with the interest on your debt. And as a pinch hitter, our Assistant Secretary is going to have the Holtzer-Cabot Company take a page to tell what they are doing anyway. Having put across this great campaign for The Review Editors, the presses were stopped and here we have the 1914 notes as usual.

With the warm weather, the attendance at the Boston luncheons dropped a bit. On April 6, H. S. Wilkins gave a very interesting talk on automatic machinery for box making. Those attending were Fales, Parsons, Ricker, Wilkins, Atwood and Richmond. The meeting on May 4 was given over to a discussion of the advisability of holding a small reunion this spring. After much discussion, it was felt that it would be impractical to try the idea. Atwood, Fales, H. S. Wilkins, C. H. Wilkins, Ricker, Stump, Morrison and Richmond were present.

Kirk McFarlin is the latest member of the Class to join the benedicts. His marriage to Miss Adelaide Hollenbeck took place at St. George's Church, Maplewood, N. J., on May 8. After the wedding, a very pretty reception was held at the Maplewood Country Club. Kirk and his wife will be glad to receive 'Fourteeners at their new home on Delwick Lane, Short Hills, N. J.

The arrival of Elizabeth Warren Hines on March 20 entitles Jack Hines to join the proud father class. We can just see Jack's genial smile spreading from ear to ear.

Crocker dropped into The Bullard and Shedd Company, druggists, at Keene, N. H., the other day and said, "Hello, Gale." And the answer came "It isn't Gale, it is Paul." Thus the eternal mix-up between Paul and Gale Shedd continues. Paul is in business at Keene, N. H., and Gale is with the Seamless Rubber Company at New Haven, Conn. We do not, however, make any guarantee as to future identity.

The most sincere sympathy of the Class is due Dave and Mrs. Gould. About a year ago, they lost their youngest girl and on April 20, they lost their eldest child, a girl of six years, following an operation for the removal of tonsils. Dave's home is at 88 Seventh Street, Riverton, N. J.

MacCart, who is a lieutenant in the Naval Air Service, has been transferred from Philadelphia to Buffalo, where he is inspector of naval aircraft at the Curtiss Aeroplane and Motor Company.

While in Texas recently Denison, the Alumni Secretary, met Dick Peatross who was buying real estate by the mile and selling it by the foot. He also saw Ced Burgher. Ced is Vice-President of the Inge Construction Company.

Your Assistant Secretary has moved bag and baggage to Port Washington, Long Island, where he and Mrs. Perley will welcome all 'Fourteeners.

H. B. RICHMOND, *Secretary*,
100 Gray St., Arlington, Mass.
G. K. PERLEY, *Assistant Secretary*,
100 Park Ave., New York, N. Y.

'15 The Atwell Company introduces Bill Price as follows: "Meet Bill Price, our General Manager. Just the kind of man that you will think of as Bill Price the first time you meet him. Hence, the above informal introduction of William H. Price, Jr., now General Manager (a newly-created position) of The Atwell Company. . . . We induced Bill to resign his last position to become our General Manager, in which capacity he will direct all activities of The Atwell Company except sales work." Our best wishes go with you, Bill.

During the recent Boston Auto Show, it was reported that the quarters occupied by Gabe Hilton, who was representing Timken, were very well patronized. Gabe's ability as a dispenser of good cheer and an all-around good-fellow, are well remembered by those who attended the Reunion last summer. Gabe is still one of the most eligible bachelors in the Class.

Marshall Dalton, I, has now been in Boston for about a year, with the Liberty Mutual Insurance Company. The Secretary is not sure just what his capacity is, but feels positive that it is pretty well up near the top.

The retail merchandising field is still represented by Cleve Lacy, VI. Cleve is merchandise manager of the men's department at Filene's. His progress has been very gratifying.

P. L. Alger, VI, was recently made assistant engineer of the alternating current engineering department of the General Electric Company according to an announcement by E. W. Allen, manager of the engineering department of that company. Alger in his new position will have general responsibility for electrical designs and investigations. He entered the employ of the General Electric Company, in March, 1916, being assigned to the testing department. In September of that year he returned to the Institute to become an instructor. In 1919 he returned to the General Electric Company to enter the induction motor engineering department where he remained until November, 1923, when he transferred to the a-c. engineering department.

The 1925 Register of Former Students gives Reuben Burton, Jr., IV, deceased. This is an error. It was the father of Burton, of our Class, who passed away. The business address of Burton is Reuben Burton, Inc., 800 N. Dineen Street, Richmond, Va., and his home address is 3217 North Avenue of the same city.

Charles Loring Hall comes up to Cambridge occasionally to the home office of the Carr Fastener Company, whom he represents in New York. They are the manufacturers of the "Dot" fasteners and "Dot" lubricators.

An article in the Boston Transcript of January 23 says: "James A. Tobey of Boston and Washington has been elected President of the Washington Alumni of the Massachusetts Institute of Technology, succeeding N. C. Grover [96] of the United States Geological Survey. Mr. Tobey was a member of the Class of 1915 in the Department of Biology and Public Health and has had a distinguished career in public health work since that time. At present he is enrolled as a candidate

1915 Continued

for the doctorate in public health at the Institute and in addition is a lecturer on sanitary law at the Harvard School of Public Health and Technology. He maintains his residence in Boston. Mr. Tobey is connected with the Institute for Government Research at Washington and has recently completed a study of the health activities of the Federal Government, the report of which has been transmitted to President Coolidge."

Your Secretary further compliments Jim on being the one man in the Class who has had the grit to write in to the Secretary, stating that the class notes have not been what they should have been. If more had done this, the Secretary would have felt that there was a realization of the value of class notes. Well, anyway, Jim suggested that perhaps it might be the right time to have some one else take the Secretary's position. Frankly, after nine years on the job, it would be better to have some one who could tackle it with renewed enthusiasm and a fresh slant. The Secretary knows that Howard Thomas, whose unselfish cooperation has always been available, feels the same way. Between now and the fall, we will get things organized so that starting with the new issue of *The Review* a new Secretary will be in office. Let us all resolve to do our part in making the class news really representative of the Class.

FRANK P. SCULLY, '15, Secretary,
118 First St., East, Cambridge, Mass.
HOWARD C. THOMAS, Assistant Secretary,
100 Floral St., Newton Highlands, Mass.

'16 Your Assistant Secretary served for a few brief weeks in 1913 as editor of *The Tech* and in those halcyon days when *The Tech* was a daily newspaper the editor was supposed to dash madly down late at night and pen an editorial properly moulding the opinion of Technology a few hours later. Since that time, we are informed by Mr. Lobdell, who also served on that great sheet in bygone days, *The Tech* has developed into a tri-weekly magazine. If such be the case, what, we inquire, is *The Review*? For, today, May 13, we are trying to work up enough enthusiasm to write class notes which will see the light sometime in July. In the meantime, the 1916 Tenth Reunion will have come and gone and most of us, it is hoped, will have recovered. But for those unfortunates who will have missed the party the following information may be of interest.

Plitt Smeltzer, VI, is braving the dangers of Hollywood, and in spite of that is still single. — C. F. Harrington, II, is still with the American Radiator Corporation as branch manager at Springfield, Mass. He was married only a few months ago. — W. C. McDonald, IV, after spending most of the last nine years kicking around the world is settled, temporarily at least, at Winnetka, Ill., one of the suburbs of Chicago. — Bill Knieszner, VI: Well, Bill says he'll come to the Reunion and find out what the boys are doing. We discovered, however, that Bill is now a patent attorney in New York.

Duke Wellington, XI, is located in New Haven, looking after the water supply. He, too, is married and boasts two youngsters. Those of you who will have attended the Reunion, — no, we refuse to become involved in this pre-reunion writing for past-reunion publication and we will make no predictions. — Ralph Millis, I, still boasts a Sam Browne belt and spurs, and is with the Second Regiment of Engineers, at San Antonio, Texas. Ralph spent his leave in France last year, also his pay, and claims to be shy on both now. Cheer up, old man, it won't cost so much to function as an officer when General Butler finishes his campaign.

W. W. Hamilton, VI, is with the New England Tel. and Tel., married, and has two children. — Meade Bolton, IV, lists himself as "Architect, Panama Canal," but we presume he means that he lives there and not that he designed the ditch. In spite of that, he expects to attend the party in June. — Jack McDevitt, II, has been running a machine shop of his own for several years, is married and has two children. — Ken Eldredge, V, is selling for the International Silver Company, married and has three children. — G. W. Ousler, VI, remarks that he is still single and happy. We don't know whether he considered the happy as the logical conclusion, or the exception to the rule, and therefore to be commented on. He is assistant engineer with the Duquesne Light Company, Pittsburgh, and was one of those who helped put over Tech Show in Pittsburgh last February.

Bob Gunts, VI, has left the Sanderson Cyclone Drill Company and is now with the Henry Weiss Manufacturing Company of Atkinson, Kansas, as cost accountant and production engineer. He is married and has one daughter.

George Camp: the mystery man of 1916. His card came back from

the wilds of Mexico with the information furnished by George himself that he was a fugitive from justice, and could not, therefore, divulge much more dope about his personal history. And now we don't know whether he is kidding us or really is hiding out on the law, and if so, why. At any rate, George, you can console yourself with the thought that you have a signature showing "independence of action," for Steve took the trouble to send your card to a handwriting expert. Said expert also reports "no criminal characteristics" so whatever you did, we don't believe it.

Horace Bickford, VI, is married, and has one boy. He is living near New York. — Leonard Besly, II, Vice-President of A. C. Nielsen Company of Chicago, says he had the pleasure of seeing Ken Sully, III, a few months ago. Ken is presumably still in the wilds of Arizona. — Paul Austin, II, writes from San Francisco, as assistant engineer in the electrical department of the Southern Pacific Company. — R. E. Naumburg, II, is a consulting patent engineer, at Winchester, Mass. — W. C. Brown, VI, who married and has a daughter, is with the National Lamp Company, Cleveland. He is also a Lieutenant Commander in the Naval Reserve.

Charlie Reed, II, is still in the Army, Ordnance Department, married, three children, two of them twins. — B. C. Boulton, I, claims to be very much married, has three children, and is an aeronautical design engineer. — Maynard Guss, I, of Shanghai, China, who is married and has two youngsters, reported that he was coming, and if he does, he certainly wins the brown derby for distance. Now, aren't you St. Louisians ashamed?

A. D. Pettee, VI, says he was married in 1921 and still has the same wife, also two children. He is with the New York Edison Company. — John Gore, X, is with the Beech-Nut Packing Company as management engineer. He is married and has two children.

And that's that. All of the above is gleaned from post card replies to Steve's notices and to our mind the most outstanding fact is that we are certainly a prolific Class.

Hovey Freeman writes as follows concerning his brother Jack's marriage and honeymoon: "You might be interested to insert a paragraph concerning Jack in our class notes in the next copy of *The Review*. The last copy simply mentioned his wedding. For their wedding trip they have taken a six months' trip around the world, not on a regular tour but just moving along as they please. They spent January in Egypt, February and part of March in India, to say nothing of the places they stopped along the way, and are now in the Straits Settlements and are then going to the Philippine Islands, China, Japan, and later to the Hawaiian Islands and so home. Jack has adopted what we believe rather a novel stunt in keeping us informed; that is, each week he sends us one or more movie films of their travels and thus makes their whole journey very life-like. As a runner you will be interested in a movie he took of a son of the desert, who for a given amount guaranteed to run to the top of one of the pyramids and back in seven minutes, all in a blazing hot sun.

"Believe me, the movie shows that he had to travel some as it is no easy job getting over the surface of the pyramids, which instead of being smooth as I had always pictured them, are a series of large granite blocks each step about three feet in height. You will also be interested to know that his last letter states that he spent a very interesting week-end at the Angus Manufacturing Company's plant of the Bemis Bro. Bag Company, near Calcutta, where he and his wife were royally entertained and met many interesting people, including several Technology men.

"In regard to class news, you may have seen in the papers that Saul Makepeace's father died a few weeks ago, so that Saul now has a tremendous amount of responsibility in carrying on his father's mill engineering business.

"I have had one or two other calls from the trio consisting of Ralph Fletcher, Rusty White and Knight Owen. They still seem considerably worried about the Reunion and want to be sure that everything is going okay."

Sam Ellsworth, XI, rises to remark that he thinks the Class is dead, but promises to do his part in the revival, if it really happens. — Dip McClure, missing since 1915, writes from Paris, Texas, where he is cashier of "The Bank." Can you imagine any one with the nickname Dip turning up as a bank cashier? — Ralph Fletcher, just back from a trip to Europe, scared us to death with a check for \$20.00, twice as much as we had asked for. And this seems to be a good place to express the thanks of the Reunion Committee to all those who so generously responded to the appeal for funds to put the class treasury back on its feet and provide money for preliminary reunion publicity. To date, eighty-one men have contributed a total of \$780.00, a good share of

1916 Continued

which we hope to turn over to the class treasury when the Reunion is over.

Charlie McCarthy, I, who has distinguished both himself and Technology by his work in designing naval aircraft, has just resigned from the Navy and is joining the Chance Vought Corporation: builders of airplanes. More power to you, Charlie, and may the rest of us do as much to make a name for the school and Class. — Ray Brown, XIV, is with Kalmus, Comstock and Westcott, at Niagara Falls. — Clint Carpenter, I, one-time of Tech Show, is now running a show of his own, Carpenter and Petrie, contracting engineers, Norfolk, Va.

And that's all. Unless signs fail, there will be some eighty 'Sixteeners at the Mansion House, Fishers Island, off New London, June 18, 19 and 20. Since this issue of The Review goes to press on June 15, the casualty lists from the 1916 party will appear in the first fall issue. Watch for it, Gentlemen, watch for it. 'Twill make those of you who didn't come weep bitter tears!

D. N. BARKER, *Secretary*,
14 Marathon St., Arlington, Mass.
CHARLES W. LOOMIS, *Assistant Secretary*,
7338 Woodward Ave., Detroit, Mich.

'17

"In a modest home on Linden Street, West Lynn, there was born in 1895, a young man. . ." This in itself is startling, even though the man was very young, but the Lynn (Mass.) *Item* goes on to say that he was

Edward F. Twomey, a graduate of the famous Course XI of the Massachusetts Institute of Technology, and now the engineer directing the expenditure of over \$1,500,000 in the construction of Lynn's great outfall sewer project. This is not the first large project handled by him for his company, the Morris Knowles Engineering Corporation of Pittsburgh.

Ed Twomey was with us at the impromptu reunion at Tiverton, R. I., and will rush his Lynn job through in time for the greatest Ten-Year Reunion Technology has yet seen. Neal Tourtellotte has promised to come from Seattle next year on a business trip which will, curiously, coincide with the date of this Reunion, and it is doubtful whether even this distance will win the Dunning Distance Cup. Dean Parker, writing from the Flatbush Avenue, Brooklyn office of the Cheeseman-Elliott Company, paint makers, offers to match his two youngsters in a catch-as-catch-can tournament. Ray Brooks, who is now assistant to the President of Florida Airways Corporation, will fly to this scene. His company announces a passenger, mail, freight service now operating from Jacksonville to Miami by way of Tampa. We do not expect to hold the Reunion on the route, but Ray may bring along a few planes; one never can tell what he will do. Leon McGrady is making preliminary plans and the first official announcement will come out in the fall. The Tenth Reunion will presumably be our biggest and best; it is an opportunity to renew old friendships, and there will be many new friendships made, as there were at the Fifth Reunion. If you went to that, or if you went to Tiverton last year, you need no urging; if you did not, you can look forward to finding how much it is possible to get out of a few days. Make your plans now to be with 1917 next year.

We saw L. L. McGrady in exceptionally good company in Philadelphia in May, and regret an anonymous correspondent's careless remark in a recent communication; however, a letter is a letter, so here it is: "During the last few days I attended the meeting of the Technology Clubs Associated in Cincinnati, and met several members of the Class. Among them was Stan Krug, the suave and svelt road engineer of the Ohio Valley, whose principal occupation is spreading oil upon gravel or in quieting other troubled waters. He reports that L. L. McGrady was seen coming out of the Gibson Hotel in Cincinnati at 12:30 p. m. on April 10, and I am given to understand by the Cincinnati police authorities that the Gibson Hotel is not a good place to be seen coming out of, or going into, for that matter. It seems that McGrady was just coming up from Chattanooga and was just passing through. If he had been a Cincinnati resident he would probably have known better. I also saw Eddie Woodward and Skipper Nelson C. Works. The latter is with Otis and Company, investment brokers."

Dick Whitney is now in the Treasurer's Department of the Hood Rubber Company. — Alan Sullivan is back in New England for the present at least. Paul Woodward is still assistant superintendent of the Viscose Company at Marcus Hook, Penna., and is happily married, although, being married, he has given up a sudden, intensive and active interest in flying and aviation. He is fortunate to live beyond the range of viscose plant odors. His responsibilities keep him close

to his job, but he has Mrs. Woodward's instructions to attend class reunions and will be on hand for the Ten-Year next year.

We have a sneaky suspicion that an interesting letter from Claude Roberts received months ago was never published; a complete file of Reviews is not available at this writing but even had it been published, a letter from C. H. M. Roberts is sufficient to justify a second appearance.

"After many moons I am now going to reply to your letter. First, I'll mention some of the fellows I have seen or heard from recently. Ed Deacon, who lives here, I see more or less frequently. He has, by the way, recently been made President of the Brecht Company, a local concern manufacturing butchers' equipment, refrigerators, and so on. — Chuck Lawson recently moved here from Flint, Mich. He is local representative of the International Time Recorder Company. Incidentally, he is married and has two fine looking boys, four and two years of age respectively.

"About three weeks ago Ken Wright was in town for a day, from Cincinnati. We had a talk over the phone, but as my office is way out in the country, I didn't get a chance to see him. — George Maverick passed through a few weeks ago on his way to Houston but we only had time for a talk on the phone. He is with the Standard Oil Company of New Jersey, at Elizabeth.

"Last fall I was down in El Dorado, Ark., for three months, on some test work in the oil fields, and who should walk into the hotel one evening but Raz Senter. We (my wife being with me) saw quite a lot of him during the next few weeks, until he left for Dallas. Old Raz seems to be a high class oil man and appears to be prospering. Just before I went to Arkansas, our old friend S. D. Stribling, who, by the way, was my best man, passed through here on his way to Waco. His father had just died and he and his family — including two of the sweetest little girls you ever saw — were on their way home for the funeral. Later they went on to Kelly Field, San Antonio, where Strib is stationed. Strib and I were old side kicks in the army, as we were working together on the design and testing of bombs — a jolly task wherein we frequently expected to be blown into mincemeat — but fortunately never were.

"Well, now that I've mentioned all of the old gang I can think of, I'll tell you what I have been doing. In November 1922, I became engaged and in December resigned from the army. For the next few months I was at home, owing to my father's serious illness. In May 1923, I took a job with the Haverhill Electric Company, Haverhill, Mass. — one of the Tenney Companies. I thought it was going to be a pretty good technical job, but things panned out differently so I got fed up and left in August. Meanwhile, thanks to a recommendation from George Maverick, I got in touch with my present chief and took a position as research chemist with William S. Barnickel and Company, out here.

"I took up my present duties in September 1923, and here I am. In April 1924 I was married to Lida Adams of Washington, D. C. — the lady to whom I had been engaged, and, I might add, the most superlatively, and so on and so forth — I'll spare you that, old dear.

"My work, which is extremely interesting, is organic research, together with a bit of colloidal chemistry and practical experiments in the oil fields. Our company manufactures a line of chemicals, known as Tret-O-Lite, which are used for treating crude petroleum emulsions. I do a little of everything, it seems; working up new compounds, or rather trying to; improving old ones; testing samples sent in from the fields and making large scale plant tests in the fields. It was on some of the latter work that I met Raz Senter in El Dorado last fall.

"By the way, I did see another Technology man a couple of months ago. Lev Lawrason was out at the factory for a few hours, en route from California to Louisiana. There is a possibility that he may join the company later on.

"I leave here soon for a series of tests in Oklahoma. I will probably visit a number of the oil fields in that state. I recently found out that John Gallagher is with the Texas Company in Tulsa. I am going to try to get in touch with him when I get there."

RAYMOND S. STEVENS, *Secretary*,
30 Charles River Road, Cambridge, Mass.

'18

Your Secretary has many apologies to offer for his laxity in not getting more notes into the several issues of this year's Review. The cause has been a combination of too much business and too few notes. In regard to the former, and having the interests of the crowd at heart, he has approached Ray Miller with the proposition of passing over the work.

1918 Continued

Ray has agreed to accept the duties. Accordingly, you had best send any future notes for inclusion in the 1918 column to him, care of the Institute.

Ken Reid has finally left us. Some two or three months ago he was receiving congratulations on his appointment as managing editor of *Pencil Points*. Since that time he and his wife have moved to New York and at last reports were very happy there.

In attendance at some of the conventions and expositions held in New York during the past year, your Secretary has bumped into several of the 1918 crowd. Minor Pete Beckett, who is now President of the Beckett Paper Company of Hamilton, Ohio, was very much in evidence at the paper convention. Pete reports business very prosperous and enjoys his new position very greatly. A. C. Walker, who is in the research department of the Telephone Company in New York has also been seen on several occasions. On one of these the writer had the double pleasure of meeting Mrs. Walker as well. A. C. and his better half were trekking around New York. Pete Strang, Ev Rowe, and others too numerous to mention have also been discovered in various haunts of the city. We would be slighting Nels Bond if we did not mention in passing that he was discovered down in Greenwich Village one evening boasting of his close acquaintance with Mr. Browning and his first sweetheart, a Miss Spas. So much publicity has been given this couple that no further explanation is necessary. More power to Nels.

The 1918 Class luncheons have been held throughout the year on the first Monday in each month at the Engineers' Club in Boston. The attendance has averaged twelve to fifteen men, and the enthusiasm shown has been splendid. Ray Miller, who succeeded Ken Reid in the Division of Industrial Cooperation and Research, has certainly done more than his share in carrying on where Ken Reid left off. On the occasion of the last luncheon Eddy Rogal brought a moving picture machine and the boys did tricks in order that the gang might be amused on the occasion of our Tenth Reunion. At the time of going to press plans are being made for the last luncheon of the year, to be held on June 7. At that time it is hoped that one of the other classes, preferably 1917 or 1919, will combine with us and take a lick-in at baseball or any other sport they know.

The following appeared in the New York *Telegram* of September 26: "Announcement has been made by Mr. and Mrs. Henry Randall Wilson, of this city, of the engagement of their daughter, Miss Virginia Wilson, to Mr. Philip Moss Dinkins, son of Mr. and Mrs. Tyre Jefferson Dinkins, of Montclair, N. J. Mr. Dinkins was graduated from the Massachusetts Institute of Technology in 1918." The Secretary has since been in receipt of the following announcement: "Mr. and Mrs. Henry Randall have the honor to announce the marriage of their daughter, Virginia, to Mr. Philip Dinkins, on Thursday, March 18, 1926, New York City."

The New York *Herald-Tribune* of November 25, 1925, carried the following notice: "Society here has just learned of the marriage in Paris on October 17 of Mrs. Peterson Jessup to Mr. Lansing McVickar, son of Mrs. Henry G. McVickar of New York and Tuxedo Park. No announcement had been made of the engagement and only members of the family and a few intimate friends knew of the wedding. Mr. and Mrs. McVickar have returned to this country and are now living in East Norwich, L. I. Mrs. McVickar, formerly Miss Frederika Peterson, is a daughter of Dr. Frederick Peterson, who heads the Neurological Association of America, and Mrs. Peterson, of 183 East Seventy-eighth Street. Mrs. McVickar is known as a successful writer."

A letter from Bill Turner, received in January, tells us a bit about what he is doing: "I notice that the 1918 column in the January Review was quite large, and to keep it from shrinking in the next issue, I want to add a little myself. I believe the last information that you, or any one else in general, had of my whereabouts, was that I was at Pittsburgh as assistant general agent for the Texas and Pacific Railway. Last June the company decided to open an office in Denver and entrusted it to my tender mercies. Since that time I have been busy getting acclimated, and as it naturally cuts down one's speed a bit, have accumulated some additional weight. I have five of these big western states to cover: Montana, Idaho, Utah, Wyoming and Colorado, and during the summer and fall have enjoyed myself immensely, sandwiching in a little pleasure with business in the mountains, hunting and fishing. In October I bagged a deer, and a plenty big enough bear while on a hunting trip in the Colorado Rockies. During the above mentioned bagging process, as relates to the bear, I suspected for a while that he was a bit too big to make the argument come out as originally planned. In the end, however, the

invention of man, in the shape of one darned big Hoffman rifle, prevailed, and the remains of old bruin greet you with a stony stare as you enter the front room of the Turner domicile. This is a wonderful country in which to live and work in the summer: a delightful place in which to go vacationing. I hope, therefore, you will publish to the 'Eighteeners in general the fact that I am in Denver, and would be more than delighted to have them get in touch with me if they contemplate coming through here at any time, so that I can be on hand to show them some of the spectacular scenery that we have sticking up all around the place."

In response to a luncheon notice sent to H. U. Camp, Mrs. Camp writes on January 4: "Mr. Camp is in the Peter Bent Brigham Hospital recovering from an operation for appendicitis performed December 25, 1925. Everything seems to be going nicely, though it will be some time before he is out again. He sends regards to all."

Mal Eales sends us the following news on January 23 from East Orange, N. J. "I thought I might as well start the new year right by giving you a little news for The Review regarding the 'Eighteeners down in this neck of the woods. We have been having our monthly luncheons this year at Enrico's restaurant, in the Village, on the first Monday in the month, with pretty good success. Having gone through the list of graduates which came out a year or so ago we found some thirty odd names of 'Eighteeners around New York and have been sending them cards each time. As is usual from the law of averages they don't all show up, and I think we will shortly revise the mailing list to include only those who express an interest by their presence. At the January lunch we had about sixteen present, not including two or three old reliables who weren't there on that day, so you see there is still some of the old 1918 spirit in existence around here."

"At this last luncheon MacGregory, Fuller Kennard, Ford, Mumford, Miller, Craighead, Sanger, Malley, Bond, Costello, Dagnall, Lane, Cassidy, Harrall and Eales showed up. Sam MacGregory looks just the same as when he gave the big movie interests a run for their money in the 1915 Tech Show. He has been working out in Northern Jersey but says he expects soon to be on a construction job down off the Statue of Liberty where (according to Mike Malley) people carry shot guns to protect themselves from mosquitoes. Karl Ford is with the Glass Container Association, when he isn't travelling around the country. Baldy Miller is with the Diehl Manufacturing Company. Pete Sanger tells us he has forsaken the good old East Orange atmosphere and now hangs his hat up in Westchester County. Phil Craighead is with the Western Waterproofing Company and Fred Lane is with the Associated Gas and Electric Company."

The Secretary-Treasurer of the Alumni Association sends the following: "I have just learned while in Salt Lake City that in late February Mrs. Howard H. McClintic, Jr., '18 (née Sybil Walker) became Mrs. Charles D. Smith. Her husband is a Yale graduate, Class of 1918, and is of the firm of Smith-Faus, wholesale druggists, of Salt Lake City. They are now on their honeymoon in California and expect to live in Salt Lake City. Her home address is still correct for mail."

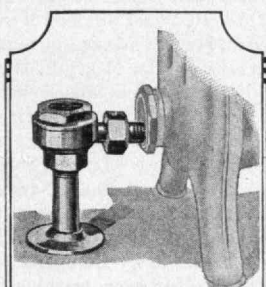
Professor and Mrs. William G. Owens of Lewisburg, Penna., announced the marriage of their daughter, Jeanette, to Thomas S. Fogarty of Plymouth, on Christmas Eve. The ceremony which was performed by Reverend Newton C. Fetter of the First Baptist Church in Boston, a friend of the family, took place at the home of the bride's brother, Albert W. Owens, in Cambridge. The bride is a graduate of Bucknell University, Lewisburg, Class of 1917. Mr. Fogarty graduated from Massachusetts Institute of Technology, Class of 1918, and is employed as superintendent at the factory of Cob and Brew, Inc., at Kingston."

From Cuba comes the following letter from Asher Joslin: "It grieves me exceedingly to have a copy of The Review come all the way from Boston (or Concord), delaying from one week to several in reaching here, only to find that for lack of news from the crowd there are no notes from the Class. Aside from the scarcity of 1918 notes The Review is topnotch, and unless there develops some action I believe that you and I should go into the real estate or some other business and take advantage of the space for advertising. It is time that plans of some sort should be on foot for the Ten-Year Reunion. June, 1928, will be rolling over us before we know it, and the stragglers should all be located and rounded up well in advance. I have real hopes of being in Boston in the near future, and shall have this business in mind. The last bit of railroad construction for the present year is just about finishing, and I am planning to smuggle in a vacation before the new work of this year opens up, as it will in the early summer. Cuba has a



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ECONOMY

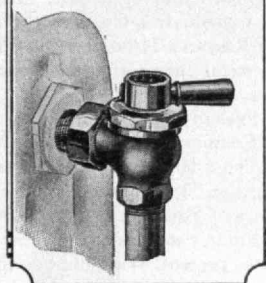


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1918 Continued

wonderful climate and many advantages both natural and distilled, but after more than fifteen months the idea of a change looks pretty good. Just at the present time they are keeping me busy digging, for the purpose of making a large basin to hold something over a million gallons of molasses. Tanks are all full up and none is being shipped, so we are busy burrowing the ground at all of the mills. This with an occasional wreck helps to keep the engineering staff from getting rusty. Here's hoping that '18 will wake up and write to the Secretary at least once in a while."

Ray Miller writes the Secretary that Manter called at the Institute on April 6. Manter is now at Lafayette University, Easton, Penna., in charge of the engine lab, teaching mechanism, heat and refrigeration. He went there in October and likes his new surroundings very much. He is looking well and asked to be remembered to all the 1918 boys.

George Sackett dropped into the Institute on April 20 when he happened to be in Boston. He is still out at North Dighton, as he says, in the Styx, is looking well, and seems to be a little bit heavier than when he was in school. He wanted to be remembered to all the 1918 boys.

P. W. CARR, Secretary,
400 Charles River Rd., Cambridge, Mass.

'19

By the time these notes reach you, you will doubtless be planning to shake the dust of the city from your shoes and hit the great open spaces. And I am wishing you joy, and hope that on your return you will have great adventures to relate, and will feel the urge to communicate them at once to your colleagues through these pages. Go forth and return with strong right arms to wield a mighty pen!

We have heard this month from many of the fellows who are busy in the work-a-day fashion of earning a livelihood pursued by most of us mortals. And I am happy to pass along word from them and assure the rest of you that, though we can't all circle the north pole, we can assign some latitude and longitude where our friends may find us. If you are not among those present this time, we'll be looking for your name at the head of the list in the fall. For what other purpose is a vacation?

The Advisory Council on Athletics, through Dr. Rowe, acknowledges the class check sent to them recently as follows: "Permit me to acknowledge the receipt of the check for \$50 from the Class of 1919. May I express to you our very grateful thanks. Will you convey this message to the Class, expressing the appreciation of both the Advisory Council and myself? The support which the Alumni are offering to the student activities is of the greatest help to us and is a stimulus to further efforts."

Don Way sent just a line as he was leaving for Canada on his seventh trip since the first of the year. He voiced our own opinion in saying that he thought Oscar's letter in *The Review* was slick.

Ben Bristol, II, assistant superintendent of the Foxboro Company, Foxboro, Mass., could not get to the round-up last year because of a trip to California, and so we are expecting him surely to be on deck for the picnic this year.

Charlie Herrick, VI, has been moving around and sends us a new address at 113 Phelps Street, Jacksonville, Fla., care of Jacksonville Traction Company. He reports himself still single and promises more news later.

H. S. Weymouth, I, is with the Maine State Highway Commission at Dexter, Maine, and says he hasn't seen any '19 men for ages, but is always eager to read class news in *The Review*. His matrimonial is also "not yet." — Art Kenison, VI, is with Moore and Summers, 97 Milk Street, Boston. He is married and has a daughter, Ruth Louise, born a year ago. From him comes the motion that the class have stag dinners and theater parties occasionally — all in favor?

W. R. McKenney, II, is assistant sales manager for the Forbes Farnish Company in Cleveland and lives at 2163 Eldred Avenue, Lakewood, Ohio. He has a three-year-old daughter, Vivian Doris. — Earle E. Richardson, V, still with the Eastman Company, is living at 252 Merrill Street, Rochester, N. Y., and his son Morris Edmunds, was born August 3, 1925.

J. S. Newell, I, reports the arrival of Jo, Jr., last June and also sends news of classmates even from remote Dayton: "I saw M. P. Smith, I, in Dayton last year — same old Empty. I called on A. B. Reynolds, VI, in New York last October. He'd just returned from a honeymoon in Canada the day before. I didn't meet the Missus. R. S. Smith, I, 'Lady Alice', passed through Dayton last summer with wife and son, Frank R., age then about fifteen months. R. S. is in Chicago with the Sani-

tary District helping to drain Lake Michigan. And as part of personal history, Jo says he served a term as Vice-President of the Dayton Technology Association, but the President's health remained good."

Lewis E. Hartman is in the wholesale grocery business with Miller and Hartman in Lancaster, Penna. His daughter, Elizabeth K., has passed her third birthday and must be quite a girl.

Coming nearer Boston, we find Arthur S. Johnson with the American Mutual Liability Insurance Company, and living out in Byfield, Mass. He has one son, David Stewart. — Roger Leland, II, has an office at 136 Federal Street, Boston, with the Manufacturers Equipment and Engineering Company, and he lives at Wellesley Hills. He is the proud father of Patricia Anne, born March 24, 1926. — Warren A. Maynard, XV, with the N. E. Tel. and Tel. Company, also boasts a future Technology man in the person of his six-months old son, John Ayer.

Three members of the Class from whom we have heard are instructing over at the 'Stute. They are C. L. Svenson, II, who is married and living at 28 Hillcrest Road, East Milton; C. A. Chayne, II, who is living at 2 Ayr Road, Brookline, where Nancy May Chayne was born November 19, 1925; Donald C. Stockbarger, XIV, who is teaching and acting as consultant, and expects to receive his Sc.D. this year. He has a daughter, Jeanne Shirley.

But witness the record for New Jersey in word from the two following: Amos N. Prescott, XV, is factory manager for the J. L. Prescott Company of Passaic. His family consists of Helena Marion, age three, and Amos Neal, Jr., age eighteen months. Leon H. A. Weaver, II, is with the Superheater Company at 17 East 42d Street, New York, N. Y., and lives at Woodcliff, N. J. He also has two children, Gladys Alexander and Dorothy Eleanor. Our congratulations certainly go to these New Jerseyites. Let's hear from some other states!

James H. Butler, Jr., is principal of the Penniman School in Braintree, Mass. — Roderic M. Blood, XV, is married and living at 181 Dudley Road, Newton Center, and has an office at 944 Park Square Building, Boston. — Minor M. Beckett, X, is President of the Beckett Paper Company in Hamilton, Ohio. He was married in 1922.

C. W. Drew, XV, is securities salesman for Henry L. Doherty and Company in Minneapolis. He is married and makes his home at Interlachen Park, Hopkins, Minn. — M. M. Stetler, IV, is structural engineer for the Mosher Steel and Machinery Company in Dallas, Texas. He was married in September 1925. — Lloyd R. Sorenson, VI, is also married and living at 4805 Virginia Avenue, Newport News, Va. All we can tell you about Phil R. Thompson, X, even though he lives so near, is that he is married and living at 75 Egerton Road, Arlington, Mass., and is buyer for C. F. Hovey Company of Boston.

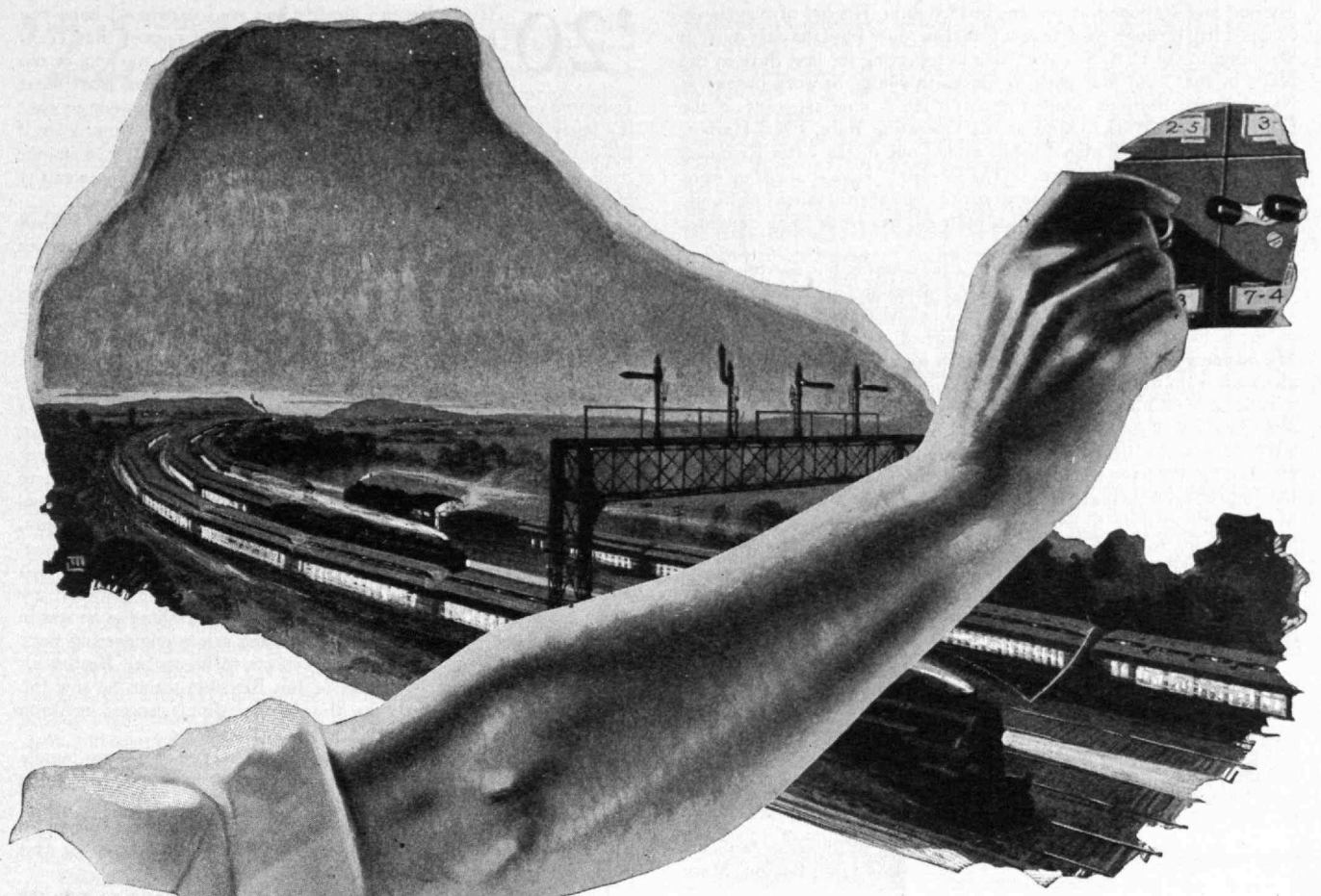
E. M. Sherman, II, writes that he has been teaching math and sciences since September 1924 at the Winwood School, Lake Grove, Long Island, fifty miles from New York City. He gets to the city occasionally and is not yet married.

B. H. Southwick, II, has been with the G. E. since 1919 and lives at 126 Bowler Street, East Lynn, Mass. He adds the good news that he expects to be married later in 1926, and I'm sure he has our sincere congratulations and good wishes.

Murray M. Whitaker claims allegiance to the Class of '20, but since many of us knew him, I am sure you will be interested in this personal note from Hamilton, Ohio. He says, in part, "I have been home here about a year. After I graduated, I was in the American Sheet and Tin Plate Company Research Laboratory in Pittsburgh, but I have since given up chemical engineering and gone into the printing business with my father."

George H. Wiswall, Jr., XV, lives in Watertown, Mass., and is associated with the C. B. Slater Company in South Braintree, Mass. He was good enough to send along a letter with his card and check and I know you will enjoy sharing it. "I am afraid there isn't much I can give you in the line of news as I lead a very uneventful life and don't often see any of the boys. I didn't see you at the Show this year, but suppose you were among those present. What did you think of it? I thought it was very good but was rather sorry they cut out the ballet. I am still fooling around in the shoe business, as you see, being mainly interested in the cost work. It is some job to keep up with things these days, with all the new styles, fancy leathers and crazy trimmings, so I manage to keep fairly well occupied most of the time. Business isn't as good as we would like to see it this time of the year, but we manage to keep the wheels turning and that is something. You are probably pretty busy, like everybody else, but if you should have a few minutes you didn't know what to do with, I'd be very glad to get a line from you."

Frederick R. Hewes, I, is a Lieutenant in the U. S. Navy and is



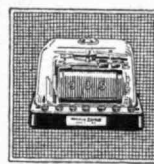
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1919 Continued

married and stationed at present in Honolulu. His list of travels includes a trip through the Panama Canal en route from the east coast to Washington via U. S. S. *Connecticut* in reporting for first duty in the Navy in 1921, and four trips to Alaska in charge of work parties at Naval Radio Stations along the coast. He is now assistant to the District Public Works Office at the Operating Base, Pearl Harbor, Hawaii. He says, "I wish I could attend one of the Class Reunions instead of reading about them in The Review!" He also sends us word of Edwin Pickop, I, who "is assistant to the superintendent of Public Works, Territory of Hawaii. Ed is married, has a fine baby daughter and we see a lot of each other."

Fritz Boley, IV, has also flown to a far country but not too far to send back this gracious note: "Enclosed please find my check for dues. I do not know whether it is possible to belong to two classes at once or not — having started with '19, I finished, as you know, with '20. My business career was short, not much to tell about — several very pleasant years with the Truscan Steel Company, Foreign Trade Department, New York City. Finally, I decided to come to Buenos Aires to enter the well established business of my father. We are extremely busy, very well satisfied with the rapid advance all our departments are making. We have been doing quite a bit of construction work with the Johns-Manville materials: roofs, floors, insulation and so on, so I have an opportunity to use the old slide rule once in a while. Please remember me to all the boys, and tell them that my latch string is always out for a Technology man here in Buenos Aires, S. A." Under personal history, Fritz lists himself as getting fatter. His welcome sounds so genuine that I, for one, would like to take advantage of his invitation. Wish I could.

Since the privilege of having the last word belongs to me by right of office, I'll sign off for the summer by announcing the arrival of a daughter, Joanne Hunt Swasey, on April 11. It looks at present as if I am in for an intensive course in early rising these next few months, but it will get me into good habits to start work on the notes in the fall. Hoping you are the same and that you will all enjoy a pleasant summer, I will send you word of the June picnic as early in the fall as may be.

PAUL F. SWASEY, *Secretary*,
Box 1486, Boston, Mass.

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'20

If you haven't already had your vacation I hope you have a swell one. Tradition would have it that Technology men, being engineers, are either too poor or too hard working to rate any time off, but from what I observe of our noble Class there are so few engineers among us that it's fairly safe to assume some surcease from the daily round even if it's only a lay off without pay or, to go to the other extreme, a change from one form of idleness to another as in the case of the wealthy realtors among our number.

Way back in April I got a nice, friendly letter from Bob Mitchell complaining that opportunities for reminiscing with the old cronies were seemingly few and far between and urging any or all '20 men to take advantage of ample parking space at the Massachusetts Avenue Edison Plant. Bob has been helping to smooth out the wrinkles at the new Edgar Station. He mentioned that Swift was down south teaching school and that Merriam is in the lumber business in Watertown.

I ran into Frank Maconi on the street the other day and had a mighty pleasant chat with him. He has knocked around quite a bit, but for the past few months has interested himself in investment bonds and is apparently taking to the financial game like a duck to water, so expects to settle down at it here in Boston for some time. Mal Lees is another of the gang who is in the bond business in Boston. Mal is enjoying his new home which he built in Winchester.

Ned Murdough is back in town, praises be. I had a delightful visit with him and his charming wife when they spent the evening at my home not long ago. Ned is just as handsome and dashing as he was in the old, old days way back in '20. He is doing safety engineering work with the Employers' Liability and expects to be around Boston for a while, at any rate. Ned spoke of Jim Blodgett whom he saw frequently when he was out in the Middle West. Jim is located in Akron and is doing engineering work for the city, I believe.

I saw Karl Bean strolling up Tremont Street with a large bundle under his arm, which proved to be a succulent ham culled from the choicest of his company's products, as he is now an efficiency expert for the North Packing and Provision Company. Karl is still single although he was unable to present a satisfactory excuse for this deplorable fact.

I learn from the Alumni Office that K. B. White has gone with the Colorado Fuel and Iron Company's Minnequa Works at Pueblo, Colo. I hope he reads this and comes across with some more enlightening facts.

Al Wason was tearing down the street the other day but stopped long enough to wring my hand in farewell, explaining that he was going down to New York, although he will still be with the B. F. Sturtevant Company.

Scott Carpenter has joined the Heywood-Wakefield Company and has gone out to their Chicago branch temporarily. We hope he'll be back here at the main office before long.

HAROLD BUGBEE, *Secretary*,
9 Chandler Road, West Medford, Mass.

'21

No notes have been received by The Review Editors from the Secretaries of this Class for inclusion in the July issue. The Secretary received the usual notification that copy was due, accompanied by such news as had been compiled in The Review Office. Members of the Class having news or inquiries should address them to R. A. St. Laurent, Secretary, 431 Oliver Street, Whiting, Ind., or to Carole A. Clarke, Assistant Secretary, 121 Shearer Street, Montreal, P. Q.

Coburn, Kittredge & Co.

Investments

68 Devonshire St.

Boston, Mass.

'22 Lucidity and volubility seem once again to have descended upon the Course Secretaries. Heinie Horn in particular seems now to have recovered from the mid-western revels which made his last communication to these columns so cryptic and fragmentary. You will find his lengthy *apologia pro sua vita* appended below. We shall add nothing. Heinie's explanations, of course, are Heinie's own, and where they do not jibe with the established facts, our readers are urged to use their own native intelligences rather than rely blindly upon the lilting intervals of our Field Secretary's eloquence.

The Gensec's brief comment in the last notes to the effect that on June 1 or thereabouts he will pack his portmanteau, luggage kits, shawl straps and other impedimenta and depart for foreign shores has brought quite a wealth of suggestions on how the ensuing eight weeks may be spent. Unfortunately, publication of most of this material would effectually bar this issue of The Review from the mails. It is regretfully omitted. None the less we wish to assure all kindly disposed gentlemen of the Class that so far as native limitations will permit, their advice will be acted upon and a report presented. Our best thanks. We shall return again wiser, but, we hope, not sadder, about August 15, at which unearthly time it is necessary to recommence operations on the first fall issue of The Review.

We have had another letter from Hugh Shirey with the Curtice Brothers Company in Rochester. It was provoked by the whirlwind visit (equal parts of wind and whirl) by Mr. Horn, and we reprint it here making a few necessary emendations in the text.

"I don't know what other classes ever do in the way of getting people to do the dirty work, but from what I have heard and from personal experience, our Class surpasses all others. You probably get the idea, but a further explanation will leave no doubts. The way to do it is to invite some classmate out to lunch or else drop in town and have him ask you to lunch, talk over old times, friends you have seen, plans that are in the making, and state that you (the one called up) are nominated and elected — no resignations accepted — to help carry out these plans. All of which means that this is the way our Field Reporter and Gossiper was informed of his position for the Fifth Reunion. Ditto for me.

"Heinie seemed especially glad to see me, even before he knew I was going to pay for his lunch, so I thought the nigger was somewhere.

Perhaps I am cruel, and he was really pleased with having had me meet him with Tiz (Tiz, for tired feet, being the name of my Ford). However, I was glad to see him and hear about everybody from New York to Buffalo — this will extend to Chicago when he returns.

"I feel that other class members should be warned of the above tactics. If any of them are promised a good fifty cent cigar lighter, free, for the work they are expected to do, let them please take note that I have watched every mail for over two weeks, and as a rule it doesn't take this long for parcel post from Buffalo: result, no lighter. Please see that the above tip reaches the Class.

"In the last Review, I noticed that at the end of the literary article about the Phantom Dinner in New York, something was said about the writer of that article having to sleep in an upper. Should this writer get in touch with Mr. Pullman himself, I believe he would learn that it was a lower. Perhaps the porter paid the difference. Investigate. [Secretarial Note: *Don't* investigate. E. F. H.]

"Last week our club here was invited to hear President Stratton who was addressing the Purchasing Agents Association, and we had a very good crowd. The speakers' table looked like a Technology-Eastman meeting. As you probably know, I have the job of purchasing agent for the above firm, in buying anything from paper pins to automobiles and trucks. Needless to say, the best is bought, including raw materials, and Blue Label Products, fruits and vegetables, should see a big increase in sales due to the Class of 1922, especially in Boston. (Adv.)

"Matt Taylor and I have an apartment, having been deserted by Hall Kirkham, '23, who left to go with Lee, Higginson in New York. Al Bowers sees us quite often. He is in Buffalo, with the Worthington Pump Company. Several weeks ago, a card from Los Angeles announced the arrival of a daughter to Bunny Kingsley, '23."

Just a few days ago, Frederick Henry Albert William David Edward Windsor Untiedt, V, whom we had thought these past years in East Orange, N. J., suddenly burst into a vivid blue typewritten letter from Washington, on the swanky letterhead of The Lee House at Fifteenth and L Streets. Once again, with one or two structural changes, we are happy to reproduce the result.

"No, this is not a sweet request from the above designated hostility to stop here — rather, it is from one long since forgotten by you — and we're not hurt either. The rush of affairs you know. This and



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1922 Continued

that, as Mikey Arlen would say, if you know what I mean, you do, if you don't, you don't — or am I confusing a very old review of Jurgen. [Freddy is certainly confusing something. E. F. H.] Anyhow, may I recommend the left bank of the Seine for books of a sort and of course your first night must be spent at Zelli's if the Montmartre hasn't lost the fragrance of that hangout. And there is the Boul. Mich. and plenty of other things to do. Of course, it is always a good plan to go out of the Folies Bergere during the show — things are more quiet then and one can talk leisurely. You will enjoy it. Would that I might watch you from a discreet distance, until you become properly jovial so that you then might ask me to join you.

"And as for London, may I recommend the Strand Palace on the Strand and not as gaudy as it sounds. Across from the Savoy and also Simpson's where there is mutton, real mutton. And Eric, you simply must go to Brussels — the Manikin, you know. Ask any policeman.

"As for me, it's only me, and now doing patent attorneying in Washington after a year-and-a-half post graduate course in the Patent Office. Specializing in chemical patents — going to George Washington Law School, engaged to Miss Eleanor B. Ball, Wellesley, 1923, and to be married in September."

On the basis of his last sentence, we herewith forward to Frederick Henry several long tons of the most sincere congratulations.

Into the bargain, Freddy has blossomed into authorship. A recent copy of the *Textile Colorist* on page 315 gives an insight into his present occupation. You will find "The Weighting of Silk — A Patent Bibliography" listed as a special contribution to a recent issue. It displays a high degree of scholarship, wherein Freddy lightly tosses off such nuggets as nitrosodihydroxylamine, lanthanum, zirconium and thio-carbanide. A formidable note at the end of the communication says "To be continued", in italics.

Some weeks ago we had the considerable pleasure of a call from Warren Ferguson, eminent product of the Rogers branch, who conveyed to us among other things, the interesting news that Julian McFarland with George Nesbit, '23, has now a mushroom farm in the vicinity of San Francisco. Brethren contemplating western tours are urged to call upon these twain bringing, if possible, an ungarnished steak. Julian and George will do the rest.

Oddly enough, we seem to have no wedding or engagement announcements this month in our folder. There is one heavy and handsome white envelope of baronial size, emanating from Tiffany's and with your Correspondent's name handsomely inscribed thereon, but alas, it has no contents. This worries us, and we are greatly in the hope that this is no more than the debris of the recent deluge which struck us earlier in the year. Just for the sake of covering ourselves legally, however, we should like to offer congratulations to any one of the Class who might have sent us such intelligences.

The gang plank is waiting for us. With your permission, we shall retire from the scene and reassume our duties as of August 16, by which time, by all counts, there will be considerable clerical work to be done to keep pace with the fast multiplying fertility of the Musolini of our Fifth Reunion: Mr. Henry John Horn, Jr.

ERIC F. HODGINS, *General Secretary*,
Room 3-205, M. I. T., Cambridge, Mass.

FIELD NOTES

At last I have discovered a method that insures delivery of my Review. Since October I have received just two: one a month late and

the May issue. The latter was right on time and proves the efficiency of my system. Our most worthy Gensec could not resist the opportunity of having me read his few gentle comments concerning his one and only high priced correspondent. Said correspondent will offer odd bits of news for the next few issues thereby insuring his character against slander but necessitating his return to the old game of beg, borrow, or steal your Review. If all the cash customers are as fortunate as I am in obtaining nice fresh copies of the world's finest periodical then your correspondent writes to a tremendous circulation — yea, both of you.

Inasmuch as our most worthy Gensec and our most noble President expressed themselves as unable to comprehend the meaning of my telegram — copy of which will be found on page 430, May issue, if you have one — I am forced to bore the customers by a more complete description of my past two months' excursion. I want the customers to understand clearly that my remarks are made only with the hope of enlightening Messrs. Hodgins and Carpenter on the meaning of my ninety cents' worth of words as I fully realize and appreciate that the customers clearly understood the wealth of information that I disclosed — for ninety cents.

Somewhere around the end of February your correspondent left for Buffalo and the West. There were several reasons for this — first the necessity of getting business, second the hope of ferreting out a few customers, and thirdly to establish district chairmen for our coming reunion.

The first district visited was Rochester. Mr. Shirey — the rotund canner of Rochester — proves my conception of the intelligence of the customers. Upon receipt of my wire he correctly interpreted it, met the train and took me to lunch. It was when I asked him to handle the assembling and conveying of the Rochester delegation to the Fifth Reunion that America's foremost canning expert sat up, looked your correspondent straight in the eye and demanded "Who will do the purveying?" I informed him that Buffalo's foremost clubman, Mr. Joseph Keegan, had been selected head of the power committee. The rotund canner slapped me upon the knee and with all the enthusiasm of a Patrick Henry said, "My Boy, every Twenty-twoer in Rochester will be there." So there's Rochester for you. And also Brother Keegan's part in this momentous occasion.

Let it here be mentioned that the power committee will have charge of keeping the masses in constant motion. To accomplish this the committee must place either before or behind the masses some propelling force. Said force must be strong and healthy in order to furnish efficient results. Imagine the importance of the power committee. Imagine also my untold joy upon Joseph's acceptance.

And thence to Cleveland where to my great surprise was one Charles W. Springer of Chicago, Atlanta, and parts. Chuck fortified himself on the right with Mr. Sherman and on the left with Mr. Davis. It was decided that the only way to appreciate a reunion was to get in training. And although we have twelve months before us it must be recorded that Messrs. Davis and Springer went to work with a vim and a vigor. It is your correspondent's personal opinion that Mr. Sherman would have gone into training but for the fact that Mr. Davis broke forth in what was apparently to him song. Mr. Sherman left. Of course one can't exactly blame him, but still, it was only a training stunt and in the event he fails to improve in the next twelve months he shall be suppressed. Larry's heart was in the right place.

So, feeling as we did and that Cleveland would be aroused to the

Russell & Fairfield

INSURANCE



NINETY NINE - MILK STREET - BOSTON

1922 Continued

occasion, we left Larry in Chuck's care and then made a master move by putting them both under the personal guidance of Pop Sherman.

When your correspondent gets to Chicago it is just like getting home. Middle West and West are about alike. It was quite a home coming. We saw quite a few of the customers but not as many as we hoped, for time was short.

Bert Weber, the blooming architect, pointed out the prominent buildings of Chicago, explained the superiority of that city's architects, and demonstrated the reasons for his being known as Money Ball Bert. The latter took place in Evanston and I admit anything may happen in Evanston and anything may happen in Kelly pool. Still, Money Ball Bert's remark "Where am I" has never been fully explained. This much can be said: he kept right on sinking the cue ball.

Then there was T. Nicholas Berlage. Your correspondent judged this an excellent opportunity to gather material for a series of articles relative to Mr. Berlage's influence on the political side of Institute life, 1919-1922. It seemed to your correspondent in keeping with the times for *The Review* to run "Personal letters of T. Nicholas Berlage" or something like that. But it shall not be. Tom and I had several fine old chats together and I believe it would be most unethical to pull a Colonel House.

Art Meling and I shoved a lot of food down our throats and a lot of ideas on the table one noon. Then we shuffled the ideas about and Arthur found himself in a most honorable position: custodian, guide, and head pall-bearer of the western forces. The latter title applies only after the Reunion.

Unfortunately we missed J. Sterling Kelly and Freddie Burt, but for compensation talked to one Henri Landis who sent much good wishes.

Then reams and reams of paper had been used by Brother Bill Boyer and your correspondent in an endeavor to join forces, sip a cup of tea, play some dominoes and swap a few odd lines of prose concerning the poetic and not so poetically inclined customers. My trip was cut short and Detroit was merely a piece of passing scenery. What a nice break I got there.

With high hope for the future and the Athletics we rushed upon Philly. But there is little to be said except that the firm still operates and welcomes the boys. Mickie Mink, assisted by Anderson, Shaw and

your correspondent, helps in no small way to make the weekly payment on Bill Stose's package. Brother Craig is busy establishing a homeside atmosphere and consequently doesn't get out to our little games so often. It might pay some of the rest of us to get a few home ties.

And as we go from what should have been spring to what may be summer we look for the return of Tommy Thomson, the erstwhile bridegroom. It was spring for Tommy. Mayhap we can join forces against this man Sallaway who hides himself away in the village of Titusville. The week I went to Pittsburgh was the one in which trains do not stop there and so I missed Jawn. But he'll come out some day and what a reunion will the boys hold.

While speaking of our reunions your correspondent will turn to his duties of Reunion Chairman along in July and start furnishing you with information pertaining thereto. Reasons for such changes in duties are that with the coming of summer we retire from the road to enjoy the happiness of home ties, good cooking and the rare jests of the Carpenter boys. And 'tis well, for these two boys have been burdened many months with the upbringing of my small son Henry and though they are doing an excellent job as God-Fathers, it is only fitting and proper that I retire to the home. And it is also fitting that then will be an excellent time to prepare for the greatest Reunion of a lifetime.

Up to now I have been talking with the boys about the country, getting their ideas, selecting various district heads and so on. The remarkable part of all this is the tremendous interest taken by the customers and the enthusiasm shown by practically every fellow. I have yet to find a customer who isn't planning on being in Boston in June, 1927, to see the old gang together in one large fracas.

This trip to Europe by the worthy Gensec is merely for the purpose of getting ideas and talent. In the meantime, any ideas are welcome. Send them in.

HENRY J. HORN, JR., *Field Secretary*,
47 Center St., Kingston, Penna.

COURSE II

Lewis Hill, with the Hyatt Roller Bearing Company, at their Pittsburgh sales office, has been through Titusville and looked me up.

Financial Service by Mail

We welcome inquiries on all matters pertaining to investments. Mail orders receive immediate and careful attention.

Estabrook & Co.

Members New York and Boston Stock Exchanges

15 State Street, Boston

**New York
Hartford**

Providence

**Springfield
New Bedford**

1922 Continued

He was very nice about inviting me down town for dinner, but by the time I got most of the grease off my clothes, he was late for his next appointment. Lewis is the proud parent of a grown up family and is doing exceptionally well in the selling game. He has gone from the ground up, and is still climbing. The peculiar part of his visit was that he caught me working. That item deserves mention, I assure you.

Ed Mink spreads the joy of Easter time westward in a "Joyous Easter" card. It was certainly joyous in the west. That may have been because it arrived out there later than here. You see, we run twenty-four hours a day, seven days a week and three hundred and sixty-five days a year. The stills are just as likely to pick Easter Sunday to go floeey as they are to select the Fourth of July. It's all the same to an ammonia generator.

Well, of course, these notes are supposed to be about the members of Course II. However, since the aforementioned members are too modest to come forward with the vital statistics necessary for the body of the items, we must revert to the personal, more for the purpose of upholding the honor of the Course than anything else.

I've come to the conclusion that a man in the oil refining business is 99.44% pipe-fitter. The plumbing trade is the best education possible for an embryonic oil refiner. Titusville is the birthplace of the oil industry in America and without undue civic pride, I would like to mention that it had a hard time getting out of the cradle. Just a splendid place to come to build up one's system without being interrupted. The seven-day-a-week schedule is handy too. You don't have to worry about the day of the week. What's the difference? You can tell the first and fifteenth by the semi-monthly visit of the pay check and the chimes ring on Sundays. Of course, Titusville is a famous town in the oil business. When I recently told a friend that Titusville had a population of 10,000, he remarked he had surely met 20,000 people who claimed to be from there. That may be true, however, as both the Pennsy and N. Y. C. run through. The social activities are wide in scope and varied in character. Movies, cinema, bridge, auction and blackjack, constitute the chief recreations.

Enough of the metropolitan scandal of Titusville. It's great to be able to tell your children (God love 'em) that you once lived in the town where oil was discovered.

A Philosophic Profession

The Law? No; although like the law it requires a grasp of affairs, economics, and tendencies.

Medicine? No; although like medicine its practice requires insight into human character.

The Ministry? No; although there is in it much of that interest in the welfare of others which distinguishes the minister.

This profession is the underwriting of life insurance.

What we are saying, and have been saying in these pages, is that we, as a strong and established company, have to offer to an educated man not only adequate financial return for ability shown, not only freedom for and encouragement in the exercise of ingenuity and originality, but also a connection with a business which can and does feed, as few can or do, your immeasurably strong and important hunger for philosophic satisfaction in daily work.

You can obtain complete and confidential information by calling on one of our General Agents or by writing to the Inquiry Bureau, John Hancock Life Insurance Co., 197 Clarendon St., Boston, Mass.

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LIFE INSURANCE COMPANY
OF BOSTON, MASSACHUSETTS

A STRONG COMPANY, Over Sixty Years
in Business. Liberal as to Contract,
Safe and Secure in Every Way.

There must be something about married life that is attractive. To continue along the same line, we have a bit of news at hand today that is of particular interest to all the boys. Recently a mention of a certain mate's taxi ride from somewhere on Long Island Sound back to some other where in the general direction of New York City, brought a rabid and seemingly unwarrantedly earnest denial and explanation for the worthy and most honorable Field Secretary. The conclusion to be drawn so far is that Heinie had a hand in the matter. Be that as it may or was, and apropos of absolutely nothing at all we will continue with the news of the day.

Charlie Burke comes forth from his place of hibernation and throwing off the old snake skin of former days, exposes everything. He resents the references to himself and Johnnie Molinar. However, Johnnie must plead his own case and come clean. Charlie is with the Bachus Brooks Company of Minneapolis, Minn., and can be located any night before 7:30 at 5528 France Avenue, South, "Mpls.," (wherever that is) Minn. He was with the Gleason Works of his home city, Rochester, N. Y., until last October, doing sales engineering work until his health prompted a shift. Charlie was in tough shape (most likely caused by overwork, if I guess correctly from past associations), but is now considering issuing a challenge to a decision to Mickey Walker. He sends his best to the gang and sympathizes with me for my small town editor's job. No pity wanted, what is most needed is news.

El Mink, the Philadelphia Special Correspondent, tells in mournful tone that he is to be shifted to Harrisburg with the Bell Telephone Company of Pennsylvania. Best of luck and congratulations. He is making a special news trip to New York City to interview the newlyweds, Mr. and Mrs. Ross Elliot Van Gieson, on the subject of their recent marriage and will report in full to headquarters for publication in a later issue.

Heinie seems to be fighting shy of Philadelphia from last report of an outpost station on the corner of Chestnut and Walnut. He must have been nicked again at the Engineers' Club. I suppose he read Hoyle and Work before his last visit, got the wires crossed and discovered Hoyle won't Work.

Stan Hartshorn just returned from a three weeks' trip to Florida and is in Philly, with the Pennsylvania Crusher Company. — Johnny Plympton is with the same company in Pittsburgh.

The foreign department reports unusual, but not unforeseen developments in Canada. Tommy Thomson sends an announcement, which the Course Sec wishes to pass on. As you might imagine, Tommy has taken the big step. Surely Miss Helen Macrae and Tommy made an ideal match. It all took place in Toronto, April 24. Tommy knew all about what was going to happen as far back as two years ago and takes this opportunity to give all his friends the laugh. He was supposed to be such an ardent and sincere woman hater that some of his acquaintances mistook the cause. It was a wrong impression. He was just planning the event he now has the pleasure of announcing. Congratulations, Tommy, and accept all the best wishes we can load for shipment across the border.

I'm making a threat, delivering an ultimatum or just plain declaring myself, Eric; any of these boys in Course II who don't send me a letter for the next issue will be handed over to Heinie Horn for personal attention and individual treatment. That just means that their reputation is to be ruined, their happy homes busted up and the burning mark of scandal to be soldered on the back of their necks. — Publish that!

We close this volume for the year 1925-26 with thanks for coöperation and best wishes, threats of scandal and outright blackmail in the future.

JOHN E. SALLAWAY, Secretary,
Y. M. C. A., Titusville, Penna.

COURSE IV

The daily arrival in New York of a million visitors is a matter of little novelty for the great metropolis. The rank and file of such transients consist of butter and egg men from Kansas, axle and gear men from Detroit, or hood and robe men from the South, and receive passing courtesies at the hands of McBride's and Chinatown at night.

Comes now and again, however, a visitor of fame and distinction, a Prince, Poet, or Pugilist, an outstanding figure whom the citizenry delighteth to honor. Such a one is Professor William Emerson of Cambridge, educator and patron of the arts.

Professor Emerson's last visit to these parts occurred in the latter part of April, and in the absence of Rodman Wanamaker, to whose

1922 Continued

committee is intrusted the entertainment of visiting notables, the attendant festivities were sponsored by the local Alumni of Course IV, from that dear old Rogers.

It was on a Friday evening, and a goodly crowd was there. The entire establishment of the Grandam Street caravanserie was all set for the gala event of its long and useful career, which, by the way, came to an abrupt end a week later with a visit from the flying squadron of one Judge Buckner. But that is beside the point. The table was cleverly laid out in the shape of a large "U," this being the initial of neither the Institute, the honored guest, nor the President of the United States. The only explanation offered was that the letter stood for Utah, which the proprietor had, from childhood, cherished a burning desire to visit. The decorations consisted of red roses, for which the Beaver, in his native haunts, is said to feel a fondness amounting almost to an obsession.

As the guest and celebrants took their places about the giant "U" (seven feet long, more or less) there was a general atmosphere of expectancy which augured well for the success of the party. This was heightened by the fact that at the moment Harry Stearns, the estimable instructor of other days, and several others who already had arrived, were absent in a strange and intriguing manner.

A short tour of investigation disclosed these members in another part of the establishment, where there was a not unfamiliar piece of furniture whose chief feature was a shiny horizontal surface at about the height of the third vest button. Behind this a very active man of middle age, a member of the Purity League, judging from his spotlessly white attire, was describing fascinating figures in the air with a metal container, moving his hands sometimes in a diagonal line from upper left to lower right, and alternating with a counter-clockwise motion for variety. After taking in everything we retired to the dining room for the main proceedings, which were getting under way at this time.

Our position was at the left leg (of the "U") and squarely in front of one of the legs under the table. Others grouped about this tabular subdivision were Emmy Stickney, Johnny Frank, Dave Shotwell (good old Dave himself), Cassius Amon, Ida Adelberg Webster, and the Goodhue delegation consisting of Messrs. Farren, Carven, and Ellis, each accompanied by his ball and chain.

At the opposite leg (make no mistake, we still refer to the "U") were Ross Wiggs and Louis Rosenberg, who also brought their wives, St. Elmo Tower Piza, and those jolly bachelors, Berla, Hennessey, Sullivan and Wadsworth. Here also sat Lloyd Westbrook, who was alone because his wife feared the worst and refused to attend. At the head of the table were Mr. Emerson and Harry Stearns. We distinctly remember that at this time the table seemed to be in the shape of a large "H," but, whatever is the head of such a shape, they were there.

So much for the personnel of the party. The first speaker was none other than Dave Shotwell, trustworthy old Dave, who divested himself of some choice Y. M. C. A. stories, to the great embarrassment of the ladies, and the discomfiture of Johnny Frank. At this stage Ida Adelberg left the party for good, after which Chris Carven was asked to expatiate on the benefits accruing to married life. As his dissertation came to a close many faces still bore a skeptical look.

Offered then the opportunity for forensic effort on the part of the other side of the table, which now was beginning to assume the unmistakable proportions of the letter "S." James Henry Sullivan, in spite of whose efforts the New York County court house is to be completed this summer, spoke earnestly on "Should the ceiling meet the wall?" apparently a subject dear to his heart. Tower Piza, who designed the alternate dentils on the sub-cornice of the New York Life building, also had nothing to say, and Louis Rosenberg refused even to stand. This is the quaint custom of the great Rosie, and caused the diners no disappointment.

At such a crucial moment as this necessarily was, Len Botting made a triumphal entry, and amid loud bravos took his place with Mr. Emerson and Stearns at the head of the table, which, if our memory serves, had now the appearance of a code sign for a Russian lisp. During the excitement Bill Hennessey was discovered in an adjoining chamber weeping bitterly and telling the world "I don't like that party." As we go to press the cause of Bill's displeasure at the whole affair has not been learned.

Although it was yet the shank of the evening, Mr. Emerson suggested that he was planning to leave shortly, and that if we desired to hear a word from him, we could do so at this time. The formality of an introduction was waived, and Mr. Emerson, speaking in his customary easy and fluent style, told of the recent doings of the

3 Notable CRUISES

Raymond-Whitcomb

Round the World

Oct. 14, 1926



The only cruise to visit *Australia, New Zealand, New Guinea & Tasmania* in addition to *Japan, China and India*. (Among other places are *Korea, the Great Wall of China, Philippines, Java, Ceylon, Singapore, Egypt & Athens*). The only cruise to be in all its countries at their best seasons & then to reach *Europe* in time for *Spring Travel*. On the 20,000 ton liner "*Carinthia*"—a new Cunarder designed for cruising. Limited to 400 passengers. Rates \$2250 & upward. Send for the book—"*Round the World Cruise*."

The Mediterranean

February 9, 1927

The most comprehensive *Mediterranean Cruise* ever planned. *Luxor*, in the heart of ancient *Egypt*, is included for the first time without extra charge. All the usual *Mediterranean Cruise* places are on the route—*Nice* (at the height of the gay *Carnival*) *Constantinople, Jerusalem, Cairo, Venice, Algiers, Gibraltar* (with a trip to *Granada & the Alhambra*). Also 5 new or unusual ports: *Palma in the Balearic Islands—Ajaccio in Corsica, Napoleon's birthplace—Malta—Cyprus*, with its splendid ruins—*Catlaroin Jugoslavina*. On the S.S. "*Samaria*". Limited to 390. Rates \$1000 & upward. Send for the book—"*The Mediterranean Cruise*".



Round South America

Jan. 29, 1927

The only Cruise to encircle *South America*—covering the whole continent in the 2 months that are usually required for a scant half. Visiting all the great cities & most famous places—as for example *Rio de Janeiro & Buenos Aires—Montevideo—Lima & the mysterious Inca Ruins in Peru—Santiago and Valparaiso—the Straits of Magellan & the snowy Andes*. On the popular Cunard liner "*Laconia*". Limited to 390 passengers. Rates \$975 & upward. Send for the book—"*Round South America*".

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1922 Continued

Department of Architecture, his remarks being characterized by a lucidity which rendered them particularly distinctive on this occasion.

Not to be denied by the hastiness of the principal guest, Harry Stearns arose, carrying on his shoulders the burden of an introductory address about to be delivered. Better late than never, quoth Harry.

The startling discovery that Mr. Emerson had taken his leave politely and formally some time before had a dampening effect on Harry's eloquence, and he quickly terminated his oration. A grand and glorious time was voted by all, and the merry, rollicking crowd dispersed to the far reaches of Flatbush, the Bronx, and intermediate destinations, except Julian Berla, who was notified some time later by the management that the party was over and, as far as they were concerned, he could go home.

Which, perhaps, is enough said of the Great Revel. We are planning more whenever an equal or less provocation presents itself.

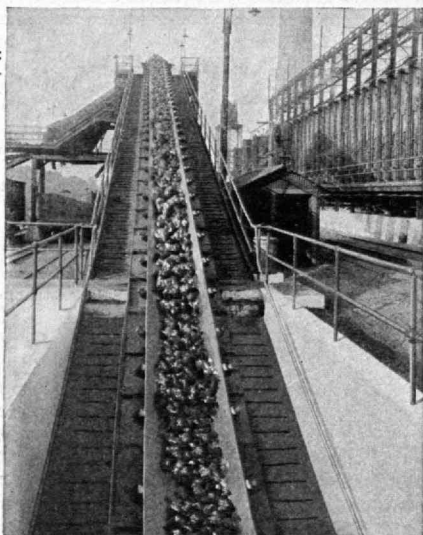
There remains to be chronicled only the engagement and approaching marriage of Will Rice Amon, himself, the boy prodigy from Kentucky. For something like a year we have shaved side by side with Cass in the mornings, and time upon time have exchanged confidences to the effect that marriage is the bunk and that we will have nothing of it. And now he fails us! Miss Aline Halstead, an American, of Montreal, and Cass are to be married in June at the Ritzy Hotel in the Canadian city. We wish them a lot of success and happiness in life, but hereafter, whenever we shave (which we do once in a while) we shall meditate, with Mark Anthony, "Here ran Cassius' dagger through," and lament the perfidy of man.

Trusting you are the same, we beg to remain your dutiful secretary and humble servant,

GEORGE S. HOLDERNESS, *Secretary*,
17 Gramercy Park, New York. N. Y.

COURSE VI

After a silence of over a year in the Course VI section of the '22 news, perhaps you would expect to pay postage collect, due to overweight on the first issue containing our notes. But, on second thought, have you written to the Course Sec.? I am willing to put up all my assets, a two-cent postage stamp, at any odds, that you haven't.



ENGINEERS know the value of properly installed CONVEYOR BELTS. We would welcome the opportunity of having our Engineers consult with you in determining the right belt for your requirements.

THE MANHATTAN RUBBER MFG. CO.

Executive Offices and Factories

PASSAIC, N. J.

BRANCHES IN ALL THE PRINCIPAL CITIES

You lose the bet, for not a single news item, letter or rumor has been received in that time — hence the silence. With the use of great quantities of dynamite, nitroglycerin and gun-cotton, the following clues have been uncovered.

Paul M. Kellogg recently talked with Karl Swett, who is with the Long Lines Department of the American Telephone and Telegraph Company. They confess to talking only of the determination of certain toll routes in New England. Paul also vouches for the report that Ray Stoddard left the General Electric Company last spring and is now with the Binghamton (N. Y.) Light, Heat and Power Company. He is doing sales work. Last summer he acted as a councillor in a summer camp.

Charles Gilkeson is still in Philadelphia with the Engineering Department of the Philadelphia Electric Company. He has been teaching school in his evenings and has also designed a calculating board which he recently described before the Philadelphia section of the A. I. E. E. But we do not know what he does with his spare time.

Sammy Wyeth is secretary of the Philadelphia section of the A. I. E. E. That is all we know about him.

Paul Kellogg wouldn't admit anything about himself but from a reliable source we learned that he was married to Miss Helene Hodgkins of Springfield, Mass., Smith, '23, in June, 1924. That accounts for his pleasant smile — and makes the rest of us happier, too. Paul is with the General Plant Department of the New England Telephone and Telegraph Company, Boston.

Plans are being made for the assistance of a well-known detective agency to help in obtaining news from the gang this summer. All those not writing will be held under suspicion, so write. That's all there is; there isn't any more.

FEARING PRATT, *Secretary*,
120 Main St., Hingham, Mass.

COURSE XIII

Every once in a while it seems that some member of Course XIII gets to New York and we are always glad to welcome him and have a lengthy talk on subjects in general in the little coop in our front office. Then too, there are mails daily to New York from all parts of the country where Course XIII men may be, and we occasionally get a very interesting letter. Since the last publication of our notes we have received one such from Howe, who, it seems, is still holding forth in East Milton and busily engaged on dwelling constructions to which he applies the latest principles of naval architecture, thus probably producing houses which will stand twice the abuse of the mansions designed by the ordinary land-lubber architect. Howe is still happily married and with a daughter, we believe, to comfort his declining years.

About a month ago K. E. Schoenherr called. Schoenherr is with the Naval Experimental Basin in Washington where he has been since graduation. He was in New York with the Chief of the Bureau to meet and talk with a prominent German naval architect who had been making important tests on a new Hamburg-American liner. Don Bixler who lives with one of our colleagues in this office has at last deserted the field of naval architecture for the more profitable one of public utility direction and management. He is now with the American Water Works and Electric Company, a concern which, besides conducting the operations of a number of municipal water plants all over the country, likewise controls and directs the West Penn Electric Company, an important power and light group in Western Pennsylvania. (We are able to get this off very glibly for we do this sort of thing every day in great quantities.)

A. W. Peterson, of the Class of 1920, writes annually to the Secretary. He is, as we have announced before, in Porto Rico with the Porto Rico Telephone Company and is apparently leading a very interesting and pleasant life there. The climate of Porto Rico, it seems, lends itself well to outdoor activities in which Pete has always delighted. He hopes to be able to visit New York again in 1927. He was here just about a year ago.

Kenneth Bernard called us up yesterday and reported nothing in particular. Bowers of Buffalo has not been heard from directly since Christmas, but this is not an unusual occurrence.

Wendell Sammett is now working with the Bristol Company, makers of recording instruments such as thermographs, and so on. After spending time learning the business of manufacturing and selling this apparatus, he expects to take the field in service work. About a month ago he came over for lunch and we had a very interesting discussion. Incidentally it is very interesting to note how many Course

1922 Continued

XIII men are to be found within a radius of practically one mile of the office from which these notes are written. The district south of Chambers Street now includes six out of the nineteen men we carry on the rolls of our Class and Course. These are Bixler, Bernard, Shearer, Sammett and Winslow, besides the writer.

C. FORD BLANCHARD, *Secretary*,
Moody's Investors Service, 35 Nassau St., New York, N. Y.

COURSE XV

The Secretary has been busily engaged in "scratching gravel" for some months past. He awoke one morning last December to find himself in a position that at the moment seemed a good many sizes too big — about the same proportion as a Cinderella foot in a lumberman's spiked shoe. To keep from bumping around to his own detriment he was forced to forego most pleasures of life including the writing of Course XV notes. On March first the scenes were again shifted and he again found himself faced with the necessity of spreading out some more. The dangers of being spread too thinly multiplied, therefore requiring more intense consideration of the job. However, breathing spaces seem to appear on the horizon now and then as there are many embryo plans that need but a little attention and some stenographic effort to burst forth into reality.

Since a year ago, Course XV has been in possession of a sort of Class Ledger which in time and with coöperation will develop into a biographical summary of each individual of the Class. Each member rates a page, with Technique photograph and miscellaneous notes for a starter.

The pressing problem at hand now is, how to engineer ways and means of developing this Class Ledger. The "one best way" would be to institute a letter-on-the-birthday plan. As a supplementary means an annual statistical round-up might bring in some precious information.

This business of starting and maintaining a steady stream of personal information to the Secretary and its dissemination via The Review and letters is mighty important. In this connection our Five-Year Reunion can only be the success that it should, when and if it is preceded by a gradual drawing together of Course XV after the five years of life, liberty and the pursuit of happiness all over the globe and then some.

Write us a letter. Modesty is all right in some places but too much among close friends is insulation from those factors which sometimes by small beginnings draw congenial spirits into world-beating groups of business combinations.

HARRIS B. MCINTYRE, *Secretary*,
N. E. Tel. and Tel. Co., Providence, R. I.

'23 Eight months have rolled by since we commenced our Review activities for the year and now we are closing shop again for the summer months. We wish to thank all who have helped to make these columns interesting and complete and to urge you to drop us a line from time to time.

In the May Review we mentioned the lack of Course X news this year and issued a call for volunteers to take over the Course Secretary's job. The response was very gratifying. A telegram was received a few days ago, in fact as soon as the May number came off the press, from Dale S. Davis and Harold F. Cotter, accepting the joint Course X secretaryship. Their present address is the International Paper Company, Glen Falls, N. Y.

Two days after the telegram was received a letter arrived from Charles S. Keevil, in which he offered his services as Course Secretary. We certainly appreciate both of these offers but since the telegram reached Cambridge first we will appoint Davis and Cotter to the job (or perhaps office sounds better) of Secretary for Course X. You Course X men, please note this, and see that you write to them and give them all the dope before the summer months are gone.

Charles Keevil sends a little interesting information along. He says, "Since graduation I have been following my profession with the Magnetic Pigment Company, of Trenton, N. J. I am married, and the proud father of a fine baby boy who I trust will be at Technology when we all go back to our Twenty-Fifth Reunion. I have enrolled for Course X-A, starting next July, and I expect to take my S.M. the following June."

Well, boys, I hope you enjoy the summer. We will meet again in the fall.

ROBERT E. HENDRIE, *General Secretary*,
12 Newton St., Cambridge, Mass.

COURSE I

We are sorry to announce the death of Mrs. Robbins, Jim Robbins' mother. She passed away at her home in Belmont, May 6, after a lingering illness. We wish to express our most sincere sympathy to Jim and Professor Robbins.

We met Billy Wang on the street the other day. By the time you read this, we expect that Billy will be in China. He intended to leave Boston for the Pacific coast about June 1 and from there to go directly across the ocean to the old country. Billy has been working in Boston

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ALEXANDER HAMILTON
INSTITUTE

548 Astor Place

New York City

1923 Continued

for Stone and Webster, but is now going into business with his brother, manufacturing Oriental rugs. His address is 10 Tako Road, Tientsin, China.

Well, boys, who do you suppose has done it now? None other than Course I's most estimable Assistant Secretary, who left this part of the country for the Pacific coast about a year ago. Sailor Dresel was married May 18 at Los Angeles to Miss Virginia Margaret Burmister. Congratulations, old man!

Walter Zapolski was encountered a short time ago in New York. We are not able to give any further information at present other than the fact that he is staying at the Technology Club.

The Gensec just received a telephone call and found talking into the distant transmitter none other than our old friend Elmer Sanborn, who was supposed to be safe with White Motor Company in Brooklyn, N. Y. Elmer was taking a week's vacation and had just arrived at the old homestead in Dover. We were able to make a date with him to jog around the old cinder track once more but at present writing we cannot even say how much avoirdupois he has gained. No more dope concerning our members is forthcoming at present but we ask you all to get in touch with Jim Robbins or the Gensec before the summer is over.

R. E. HENDRIE, *Acting Secretary*,
12 Newton St., Cambridge, Mass.

COURSE II

Just received a hurry call from the Gensec for news. Imagine it, he wants the dope ten days early. Well, here goes!

Very, very fortunately, I went home last week, just for the weekend, and as I stepped into the washroom on the train Saturday morning, who should I see scraping his face but our old friend, Howard Russell. Howard is a traveling engineer with the Hope Mutual Fire Insurance Company and apparently he had been everywhere and met everybody. In short, he was a godsend. I nicked him for the following line of dope.

George Johnson is working for the Traveler's Fire Insurance Company, out of their main office in Boston. According to Howard, George has bought a house for himself in Brookline, but hasn't as yet

succeeded in finding a girl to share it with him. If I were in the East, I'd try to help George out.

Incidentally, speaking of girls, Howard announces that he is to be married next month. I'm still single, with absolutely no prospects. Every time I add an inch to my waist-line, my prospects look just that much dimmer, and the inches have been adding pretty fast of late.

Frank Haven is also engaged. Frank is working as an industrial engineer for the firm of Haven and Hopkins, 11 Beacon Street. — Hap Hazard is selling for a concern in Waverley, Mass. Outside of this information I don't know any scandal that would apply to him.

Bill Scofield is sales agent in Rochester for the Rochester and Pittsburgh Coal and Iron Company. His address is 350 New Scotland Avenue, Albany, N. Y., and he states that any of the boys will be welcome at any time. His wife doesn't play poker, but she has no objection to going to the movies for an evening.

What do you say, Gang, shoot me a little line this summer so we can have a lot of red hot news in the fall.

HAROLD B. GRAY, *Secretary*,
Vitreous Enameling Co., Cleveland, Ohio.

COURSE IV

Just because Eric Hodgins had to go to Paris is the reason that you are not going to have any notes to amount to anything this month. This is particularly unfortunate considering the fact that you are now all leaving for your long summer vacations and might be reading these notes from time to time while lolling under an apple tree. But perhaps we have not explained enough why the notes are sketchy. It seems that the Editor of The Review read a volume called "Dark Laughter" by one Sherwood Anderson. In this volume is a description of a certain party given in Paris known as the Quatre Arts Ball. Eric had to be there so calmly set all the dates for copy ahead a month or so. This means that your correspondent has not only to get five pages of The Architectural Bulletin out of nothing, but also has to get out your notes from the same piece of cloth. Since on the whole we thought that you were less careful about your tailors than the Society of Architects, you are going to get the scraps. Not that the "scraps" applies to the following letter from Stub Gelotte, at Quincy-on-the-Cape:

"Since I last spoke to you nothing of importance has happened and the gossip is rather scant. However, if you should really be pushed for material at the writing of the next communique, here's some fiction and fact which you may find illuminating. Just three weeks ago next Thursday, I was sent to Philadelphia to check some shop drawings and on my return stopped over for one day in New York. Quite naturally I looked up our good friend and co-member of The John Stuart Mill Club, Mr. James Sullivan, alias Sully of the Fall River Inside Staigh Club Society. I found him furnishing the Court House, forty-two blocks south of the railroad station, in good voice and not too bad spirits. Yes, John, the boy is still himself to the last suspender button. Although we sang not at all, we talked much about the days spent at the factory and more about the times at Rogers. He is more than ordinarily interested in architecture, and told me that he has done some writing on the subject. [Secretarial Note: There are a lot of pictures in this paragraph that are not perhaps quite recalled by the letter as written. Anybody who wants to go out to Guy Lowell's court house and stand around a while can see Sullivan in his prime. We did it. The first thing we saw was the trouser sagging on one hip. We were looking at his back and our next vision was a contemplative pipe held out at right angles with a crooked elbow. We watched him for fifteen minutes and he did not stir, so we went around in front. His hat was pulled down over his eyes. It was the same hat. He had his eye on an egg-and-dart and, almost before he greeted us, picked up a hammer and rushed up and tapped it. It seemed to be all right. Then he took us in the office and showed us some of his details and then out on the job where the masons, like Gothic builders, were carving his work into permanent form. He smiled a little and said, "See that acanthus. I did it." And so we left him, a little wistful and a little sorry that we weren't architects too, and we looked back as the sun was setting and just as we looked the figure moved and the pipe came out at right angles, his elbow crooked, and a puff of smoke went swirling down toward the ferry slips, and the trousers sagged a little more, and we boarded a bus for Keen's chophouse.]

"I then called on Dimmock, who told me of a trip, contemplated by Westbrook and company and himself, to this town of our'n. I asked him to try to arrange it so that it would come on the Saturday that the Department have their Annual Picnic. If that is possible, I see no reason why we could not challenge this year's winners of the baseball

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1923 Continued

game to a championship match of hit and run. Just now quite a number of the former champions are in town and will be willing to exhibit their prowess. Ed Conley is here and in perfect trim to nudge the apple around for nine innings, if necessary. True, we have no Hare, but why wouldn't it be permissible to use Magee of 1922 for the Squat Position?

"Johnny Frank, I was told, is in New York, and has collected so much avoidupois that he has to pay a full fare on trains and street cars. Wouldn't you think that an architect should have a better idea of scale than that? The next thing you know he will be designing underground Orangeries. Cass Amon and George Holderness were at the Club, where I spent the night in the room-at-the-head-of-the-stairs: first bed. They seemed to be as happy as one could hope, considering that they were members of a different class. On arriving in Boston, I found Tracy preparing to leave these parts for the wide open spaces where he will be located for a month or more, as the Peoria representative of S. and W. — Now that's that, John, take what you want and add what you need. Give me a call at Perry, Shaw and Hepburn when you are in the mood."

And with that we close. We have admired tremendously George Holderness' new and brilliant scheme of having Cass and Dimmock write a few words. That was a Machiavellian gesture with a vengeance and we would like to undertake the same thing. Unfortunately, we have no friends among the Class whom we would like to involve in Laocoön coils of their own spawning. Bon été.

JOHN E. BURCHARD, *Secretary*,
82 Browne St., Brookline, Mass.

COURSE V

Here goes with a few notes for Course V, '23. Warren Center, in writing from the City of Buffalo emphasizes that he is not as yet married. He says that his venture with the National Aniline did not turn out so well and so he accepted a position with the Pratt and Lambert Company, makers of varnishes, as consulting chemist where apparently great opportunities await him. He had the pleasure of rooming for a while last fall with Charlie Moore, another of the Course V boys.

L. W. Jordan is employed as assistant chemist for the U. S. Cartidge Company of Lowell, Mass. — H. A. Barnby writes that he has been with the United Bakers Corporation as efficiency man, traveling for the most part in this capacity from one plant to another between New York and Texas. For the past year, he has been on the research staff of the Glass Container Association where he hopes to put the tin can manufacturers out of business.

Peg Marvin, still with the Department of Chemistry, at the Institute informs me that he "stepped off the plank into the sea of matrimony on January 30." It all happened down in Altoona, Penna. At present Mr. and Mrs. Marvin are very happily situated in Allston.

EDWARD J. DANEHY, *Secretary*,
37 Yerxa Rd., Cambridge, Mass.

COURSE VII

I have just received a letter postmarked in Los Angeles and written in feminine hand (you may later suspect this) as follows: "I am writing you in desperation — please help me out. Nearly all my life I have used your cold cream — it seems to be a part of me and I feel I cannot get along without it. My friends rave about my complexion. I tell them the secret is 'Ricksecker's.'" (Letter on file. May be seen on request.) Now how can I sit here and write news items for The Review when I know that somewhere out there south of the Golden Gate there is a pretty young thing who is probably in the last throes of agony because she cannot find a place to buy Ricksecker Cold Cream. I feel like taking a jar under each wing and flitting out among the clouds toward the setting sun. However, even if it is spring, I don't see how I can get the cream there any quicker than the U. S. mails will take it.

Smoke Fuller, who has been decorating the homes of Montclair, N. J., with placards of various colors and notations in the cause of sanitation and public health for some time past (during working hours only), has cast his vote for orange groves and alligators. He is now sanitation engineer for the City of Jacksonville, Fla., and all the gang join in wishing him the best of success in his new work.

Jerry Fitzgerald is still with the Fisheries Bureau. During April and May he spent considerable time in and around New York making a

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1923 Continued

few fishing voyages with the view of getting some information on the life history of the mackerel. We were fortunate in being able to get together a few times for a little bridge and scandal-swapping. If I properly recall, there was a decided dearth of the latter.

Milt Parker is still with The Walker-Gordon Laboratory Company at Plainsboro, N. J., which is just outside of Princeton, where he resides. We frequently have the pleasure of a weekend together. Milt has done some very valuable work on the chemical sterilization of milk bottles and is now working with Dr. Jones of the Rockefeller Foundation on a test which, if any conclusions can be drawn from preliminary results, promises to be invaluable in the detection of hemolytic streptococci infections in cows. This test at present offers some difficulty and is slow, so it is hoped that the proposed test proves as valuable as its present status seems to indicate.

Nothing directly has been heard from Tom Duffield but an advertisement in an Asbury Park (N. J.) newspaper a few months ago reminded friends in that vicinity that he was selling real estate in Florida.

We have no news from Bernie Proctor, Phil Riley or Herman Swett. We assume, however, that Bernie is now the owner of a brand new Ph.D. and if this is the case we all join in voicing our congratulations. Phil, as far as is known, remains on the staff in the Department and continues to sow seeds of useful information on the rocky soil of sophomore indifference. Swett, I suppose, continues at his real estate and insurance stand on Beacon Street.

This is the last opportunity we will have until fall to swap news through this column. However, we understand that the U. S. mail system will continue to operate during the summer, all conflicting reports to the contrary, so let's take advantage of the service offered and send out a letter now and then. You might get an answer to it. Who knows?

E. A. GRISWOLD, *Secretary*,
Apt. 18, 317 William St., East Orange, N. J.

COURSE XIV

Now settled in new office quarters and some very urgent estimates completed, the Course Secretary will attempt to scrape up a little

news concerning our following. It is regretted that lack of material at hand necessitated the omission of the usual letter in our last scheduled issue of The Review. Since then, however, after valiant efforts a few facts of interest have been uncovered.

Probably the most important event is the announcement that Johnny Sands is the proud father of a baby girl, Constance, born February 13 at Melrose, Mass. According to the father, the baby weighed eight pounds and shows remarkable intelligence for a person of her age. They say she looks like her old man, but perhaps she'll outgrow that. For the second time since graduation, our congratulations must be extended to Johnny. He is still with the International Nickel Company, Bayonne, N. J.

In order to scrape up a little news, your Course Secretary sent out stamped self-addressed return postals to certain members of the Course with considerable less success than before. The replies were forty per cent. The first to respond was Charlie Snow. "You Secretaries have your hands full. I am still with the National Research Council with headquarters at Technology. Parsons, '23, and Franke, '24, and I work under Professor Jackson on an industrial lighting survey. Although I spent last year in the middle west, I have been around Boston since last summer. At present I am working out of Providence, R. I. I see Sherwood Brown a great deal.

"Met Ed Turner on Washington Street a couple of months ago. He is radio editor on some newspaper. I also met Dave Skinner in Lynn a short time ago. He looks fine and likes his work." And now comes a confession: "We are all alike. We look in The Review every month to read about our friends but hate to sit down and write our own little comedy of life."

All will recall A. H. Steinbrecker who took some special work in electrochemistry at the Institute. A card from him discloses the fact that he is married and the father of a youngster one and a half years old. He is now Secretary-Treasurer of the Wisconsin Oxygen-Hydrogen Company, Kenosha, Wis., where he has charge of plant operation and sale of electrolytic products.

Sherwood Brown was the next to respond with his usual clever line, so we will quote him verbatim. "I beg to enlighten you that I washed the glue at Dennison's from my fingers about the first of last October and returned to Technology as an assistant in the Physics Department. I can hear Oscar Perkins snort when he reads that! After next June, hurrah for the glue. I doubt if any of the gang would know me now. I have assumed glasses, round shoulders, and actually enjoy what few subjects I am taking. I have no love affairs, secret or otherwise, for I still like variety. However, I am making no promises for I know how the hard-boiled fall. Outside of school hours I am helping Russ Deane coach the swimming team and have loads of fun."

And as of yore, where we find Brownie, we find Oscar Perkins. Oscar writes from Box 191, Parlin, N. J. "Got your card and am answering, painful as the operation of letter writing is to me. I am still here at the duPont-Pathé Film Manufacturing Company, as physicist, working on a special plant problem, and certain safelight routine. Hope to be transferred to plant supervisory work before long. I am fairly well satisfied but if you hear of any soft \$5,000-a-year-jobs, I will always be on the receiving end. A number of Technology men are here but none from the Class of 1923. Not much news except that prohibition has not yet hit New Jersey (this part at least) so I guess I'll let you use your imagination for the rest."

Howard Cobb has resigned from the staff of Radio Corporation of America in Chicago and is now in the engineering department of the Benjamin Electric Company of that city. He seems to have settled permanently in the radio field and is devoting his entire time and study to that subject. His address is 5920 South Rockwell Street, Chicago, Ill.

Not long ago your Course Secretary spent a day in Boston as a representative of the New York Edison Company at a committee meeting of the engineers of the six interconnected New England power companies, and took occasion to call at the Institute before and after the meeting to see some of the old gang. Unfortunately he had to return to New York by the midnight train and little time was available. However, he had a short talk with Professor Goodwin, who sent his best regards to all members of the Class, and with Professor Thompson, who seemed as busy as usual with experiments. He made several attempts to see D. C. Stockbarger and Charlie Mongan without success. Of course, by now we all know of Stockie's recent publicity in the newspapers through his success in light telephony even if they did spell his name wrong! The Scribe has received reports of this publicity from as far as Denver.

We found "S. F. Brown" on a door in big letters. A glance inside



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1923 Continued

disclosed a mess of wires and innumerable instruments, all indicating that he was Professor Page's assistant. Brownie has grown a lot since we last saw him. — Ned Frank has doubled or trebled his size. He is an Instructor in Physics and has finished his thesis on the use of Litchenberg figures in the measurement of time. He will get his Ph. D. in June after which he expects to remain on the Institute staff, teaching some of Professor Heymans' courses, as the latter has gone to Europe. On Ned's information, Charlie Mongan is at work on his doctor's thesis which is on a particular phase of crystal structure.

The Course Secretary feels that with the increasing demands on his time by business and personal affairs that it is impractical for him to devote the time necessary in gathering news for our column in order to do our Course and Class justice. It seems to the interest of all concerned for the present Course Secretary to retire and relinquish the duties of columnist to some one in the Class who is in a better position to represent us. It is suggested, therefore, in order that a satisfactory selection be made, that members of the Class send to the retiring Course Secretary or to the Class Secretary names of volunteers or nominees for the office. In retiring, I wish to express my thanks for the assistance and help many members of the Class have given toward making these notes what they have been and assure the succeeding news-monger of my continued interest and coöperation.

FRANK M. GENTRY, *Secretary*,
130 East 15th St., New York, N. Y.

We are sorry that Frank Gentry finds it necessary to withdraw from the secretaryship of Course XIV which he has handled in such an excellent manner for the past three years. We wish to express our appreciation for his fine work and know that every XIV man will join with us in wishing him prosperity and success.

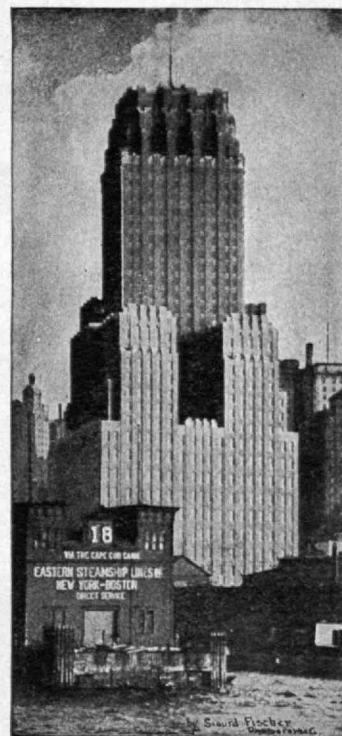
R. E. HENDRIE, *General Secretary*,
12 Newton St., Cambridge, Mass.

'24 This is the last stand of the year. I don't know of any better way of opening it than by referring to the introductory remarks which I made in the first issue. If you will refer to that issue you will see that I said in part "I hope you all . . . feel like making twice as good a showing for yourselves and 1924 as you did last year." To recapitulate and see whether we did or not, I will take a minute or two of your time in quoting statistics. To date we have had appear in this noble publication 365 inches and I expect that this month will add about 30 more so that our grand yearly total will be about 395 inches or nearly enough to fill twenty pages of *The Review*. Last year we had 269 inches and by a little calculation you will see that our increase has amounted to 46.8%. Check me on that, please. We always set our goal higher than the one we want to reach and although we did not reach twice as many, we did do enough to make a very creditable showing. As a matter of fact, and continuing our statistical bent further, if we continued in that progression in the future years, we would be occupying all the available space for reading matter in the issue dated April 1934 upon the basis of the present *Review* of 64 pages with 75% of the space devoted to reading matter. I think you have all the available material to check me again.

And here are some more statistics to show how well we have done. As stated we have had to date this year 365 inches. Our nearest competitor has had only 303 inches so you see we stand at the top as far as volume is concerned. That competitor of ours is blessed by having in its Class two very excellent contributors, who are very lucid narrators. In fact, one of them does that sort of thing from morn to night as a livelihood. Consequently, inasmuch as we have no outstanding storyteller our notes are mostly facts and we must be far and away in the lead in the number of facts and the number of men mentioned.

With the results of our review of the preceding paragraphs it isn't hard to pin the medal on our hard working Course Secretaries, because hard work is the thing that has been the main factor in putting the notes there. Therefore, in your behalf I take great pleasure in pinning that medal on and kissing each one on the cheek in the true French style as a token of our appreciation. May they continue to merit by their constant efforts your hearty acclaim and your ever faithful coöperation! You know what Bill Robinson will say about this Class when he reads this. I would repeat it as he has on many occasions but the fear of deletion deters me.

And now for a few hit or miss notes which have appeared in the last couple of months. O. B. Denison, '11, received a letter from McCutcheon and this is a part of a letter which Dennie sent to me. "I



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have at hand a letter from your classmate, Charles R. McCutcheon, whom I had the pleasure of meeting when I recently visited the Atlanta Association of M. I. T. At that time (mid-February) he was representing the Bankers Trust Company of New York in Atlanta, Ga., but he advises me that, temporarily at least, he resigned from that organization and is now Secretary and Treasurer of Martin Overland, Inc., in Winter Garden, Fla. He says, 'I fully expect to be back with the Bankers' Trust either in New York or Atlanta within a year or so, as I am down here on a sort of leave of absence. Florida is a great place, though, and it will be hard to leave. We like it here very much.' You will notice that he says 'we' in the last sentence of this excerpt from his letter, and he explains that as follows: 'If there is a place in your records which states married or single, you might cross out the single and check the married. Mrs. McCutcheon was formerly Charlotte Anne Oswell of Washington, D. C.'"

Fletcher Hamner is with the Alabama Power and Light Company in Birmingham, but wishes his mail sent to 923 South 17th Street, Birmingham. — Al Renfrew is with the Tennessee Coal, Iron and R. R. Company at Ensley, Ala., but prefers to have his mail sent to his permanent address, 54 Park Street, Haverhill, Mass. Evidently Al must be somewhat of a transient although I have no further details as to just what he is doing.

Last evening I had the pleasure of listening to Professor Hamilton speak on the Dorms before the Technology Club of Hartford. It was certainly interesting and it is great to hear any one from Technology. You fellows who are so far from Boston that you can't get there and who had the chance of hearing Dennie certainly must have enjoyed his grand tour. Professor Hamilton told us all about the Dorms, including the Goblin, and excluding nothing. Every year the Technology Club of Hartford has some Technology professor here and it is always a pleasant evening. Next week the Hartford, New Haven and Waterbury clubs are going to combine in Waterbury and that will be some meeting, too.

Before bidding the fond farewells, I want to direct your attention to the up-and-coming bunch of fellows in New York City. Read the notes that George Knight has submitted and when you are in New York look him up.

And now for the long summer vacation. It is going to be a long one and there will be plenty of time for you to write to your Course Secretary. Do so before the middle of September so that we can start the new year off with a bang and thereby maintain our prestige. Adios!

HAROLD G. DONOVAN, *General Secretary*,
80 Farmington Ave., Hartford, Conn.

COURSE I

It is altogether fitting and proper that we should make our last bow of the year, with an exposé of the astounding activities of our big and brawny athlete, Dan Sayre. In a recent issue we promised that this story would soon be released by the Disassociated Press and the facts are now ready for publication.

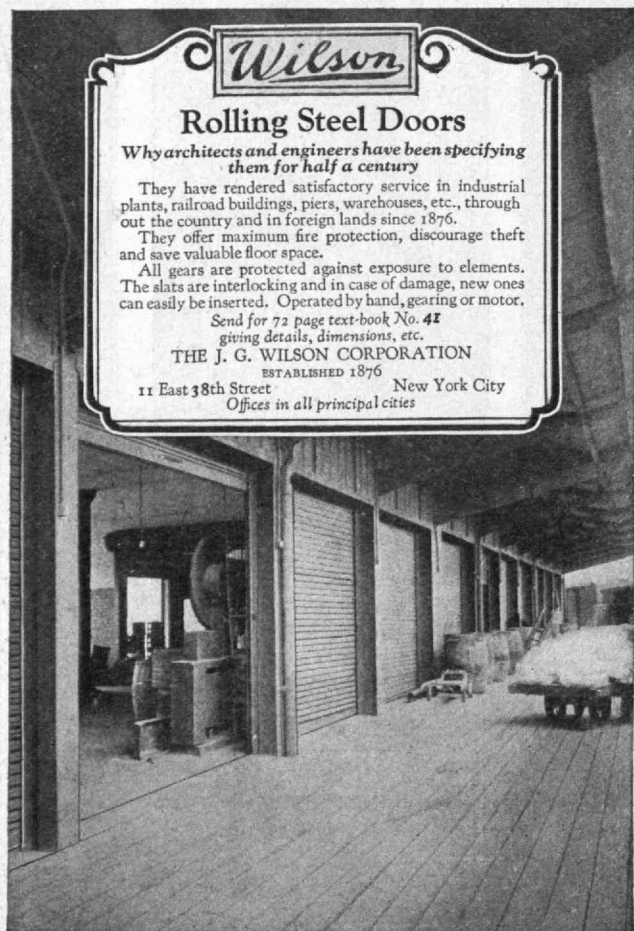
Due to his intense and all-excluding interest in crew during that eventful spring of 1924, our hero was not on hand to receive his sheepskin with the rest of us. Overcome by the disgrace of the situation he decided to end it all and enrolled in the course in Aeronautics under Professor Warner. Another season at the Institute saw our Mr. Sayre an accomplished aeronaut. Followed much wandering over the face of the country looking at flying fields and flying men. The mecca of our enterprising fellow-classman proved to be Kansas, for upon arriving in that wide expansive state he was promptly made Vice-President of the Travel Air Manufacturing Company, makers of flying coupés. With three samples of the product of his new concern, friend Dan proceeded homeward by the airline. Back in Boston he established the Boston Airport Corporation, 154 Boylston Street, D. C. Sayre, President and Treasurer. Please note that our budding genius of high finance is canny enough to hang onto the shekels as well as head his outfit. Next came a trip to New York with his fiancée, Miss Ann Hamilton, to see the aeroplane show. The show proved to be boring and uninteresting so they decided to partake of the sacrament of holy matrimony. Wedding occurred October 10, 1925, Kalamazoo papers please copy. Having taken unto himself a wife the next step in our hero's career was to establish a home. This he did at 987 Memorial Drive, Cambridge. When asked what is the main function of the Boston Airport Corporation, Mr. Sayre stated that its activities consist of selling Travel Air Machines to Harvard students and farmers, teaching them how to fly, and repairing said machines after they crash. He stated that business is flourishing. What other 1924 Civil can equal this Horatio Alger story? Please step right up; your Secretary needs the copy.

Bill Correale was in Boston a short while ago and dropped in to my sanctum to give me the latest dope on our New York brethren. Bill is now employed in that city by Henry Manley, engineer on structural design. Bill has had an interesting time of it since we issued from the Alma Mater. I have already reported his activities up to the time that he left the Electric Bond and Share Company to go to Cheat Haven, Penna., on a hydro field job. From there Bill hopped to Florida and worked under the Moore and Burns organization on survey work. Bill didn't find Florida the perfect El Dorado it has been cracked up to be, so about Christmas time he turned his footsteps homeward to take up his present position. He brought bona fida news of Don Moore who is still in Clearwater, Fla., as I recently reported. Bill also sees quite a bit of Ed Winger who is now the crack super for the Barney Ahlers Construction Company in New York. This is a progressive outfit which is doing pioneer work in attempting to have the water-cement ratio method of determining concrete strength put to actual use in the field. Ed spent his first year on concrete research work and since then he has been actually in charge of work in the field. He recently finished the job for the Patent Button Company in Waterbury, Conn. Ed is making wonderful progress and deserves our congratulations. He recently made a vacation trip to his home in French Lick, Ind. I've a hunch we shall soon be congratulating him still further.

I attended the Technology Circus the other night. This function has enlarged its scope of activity considerably since our day. I felt like crying, "Tech Night is dead, long live the Circus!" While there I ran into Admiral Kuo but did not have a chance to talk with him. I had not heard that he was back in Boston so don't know just what his status now is.

This is a windup for another summer. I wish each and every one of you would write me during the coming months. Surely there must be lots of news about yourselves which has not yet appeared in these columns. It is time for many items of marriage, births, confirmed bachelorhood, and so on.

JOHN D. FITCH, *Secretary*,
c/o Charles T. Main, 200 Devonshire St., Boston, Mass.



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1924 Continued

COURSE VI

I heard from Charlie Stodter: Lieutenant Charles S. Stodter, S. C., Camp Alfred Vail, N. J. He writes: "In this life I feel quite cut off from the old comradeships and associations established ages ago at the Institute when Eddie Miller was inventing steam and Tubby Rogers was our corpulent Buddah. Occasionally a vaguely remembered physiognomy materializes and before I can remember a name, is gone again, just as I saw Whittington at Atlantic City on Easter. Of course there are others whom I see quite frequently such as Bruce in Red Bank and Felix Stapleton and Henry Zieger and the New York bunch at the Technology Club.

"Of course, I did imagine I could use Principles of A. C. and kindred effulgencies (if there is such a word) in the Signal Corps. Mais hélas! — I have seven different offices as follows: 1. Post Exchange Officer for which the nearest civilian equivalent is the Village Store and Post Office. 2. Educational and Recreational Officer which is something like a minister, a grand-daddy and fight promoter all in one. 3. Officer in charge of motion pictures. Four nights a week including Sunday — wild western and Charlie Chaplin our specialty. 4. Officer in Charge of Post School which consists in teaching meteorology to foreigners and English to Americans, and making linemen, telephone maintenance men and radio operators out of any one. 5. Post Signal Officer — Telephone System, Radio and Telegraph Station. 6. Officer in charge of quarters which has nothing else like it. 7. Chemical Warfare Officer. And really I haven't cracked a Hudson's Manual in two years."

Ray Johnson has left the Public Service Electric and Gas Company to go with the American Brown Boveri Company. He is located at Camden, N. J., for a while and later will make a tour of their other properties.

Hackerwessel is in the Illumination Research Department of the Westinghouse Lamp Company at their plant in Bloomfield, N. J. He says he likes it. Bill Leroy is working for the telephone company in Newark, N. J.

HELEN HARDY, *Secretary*,
80 Park Place, Newark, N. J.

COURSE VII

Philip Herrick is still with the Merrel-Soule Company and has the New York territory. — Charlie Farenback paid us a short visit this winter and I believe that he is now a health officer in Fairmont, W. Va. — I have not heard from Joe Glancy but I believe he is with the New York Conservation Commission at Glen Cove, L. I., working on the raising of oysters and other shell fish. — Charlie Blake, Rienzi Parker and I have been here at the Institute all year. Charlie and Rienzi have been assistants but I have been putting all of my time on my graduate work.

PHILIP K. BATES, *Secretary*,
Box 230, M. I. T., Cambridge A., Mass.

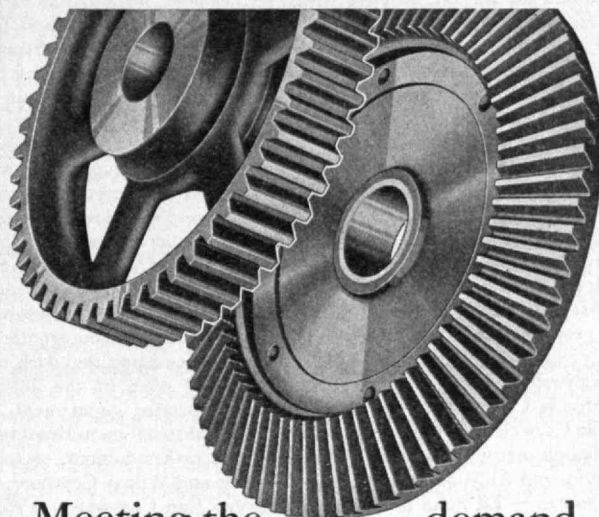
COURSE IX

Bill Keplinger is in the Architects Service Department of the Johns-Manville Company, New York City. — Jack Cannon has left Johns-Manville and is now located in Pittsburgh with an electric refrigerating concern. His address is 519 Greenfield Avenue, Pittsburgh, Penna. — R. J. Possie is keeping several telephones busy as a trader for Gilbert Elliott Company, brokers in New York City. — Vaughn Weatherly is working in Paterson, N. J. and living in that city at 679 East 23rd Street. — Felix Stapleton was one of several members of the Class working with the Johns-Manville Company in New York City, but mail sent him recently was returned "not found." It doesn't seem right that a person of his stature should be lost. We trust he will soon return to light. — Bob Seddon is with Waring, Chapman and Farquhar at 874 Broadway, New York City.

We have it that Dent Massey in addition to his activities with the Massey-Harris Company in Toronto has taken up radio broadcasting. If rumor has it correctly, he may be heard on the air every Sunday afternoon. Unfortunately the station is unknown.

Bill Robinson has been transferred by the General Electric Company to their New York office where he is engaged in solving light problems and selling. We hear that Bill just about owns the office since he had the honor of receiving a distinguished visitor there. Up to that time Bill had been looked upon as just another young college graduate.

A number of the boys working downtown in New York have arranged to meet regularly on the first Thursday of every month at the



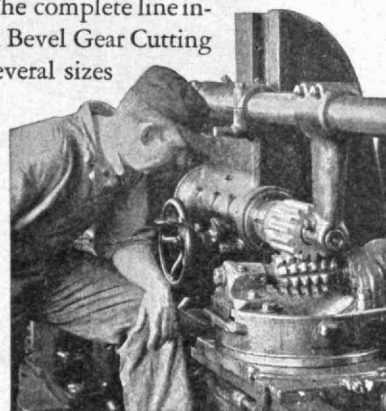
Meeting the demand for better gears with better machines

GEARS have been used for the transmission of power far back in the misty reaches of history. But until the end of the nineteenth century most of them were ill-fitting, noisy, and considered satisfactory as long as they rattled along together without striking sparks. Accurate gears were considered necessary only in unusual cases.

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The Brown & Sharpe Mfg. Co., has been notably successful in developing machines for producing gears that meet adequately the most exacting of the modern standards. The complete line includes Spur and Bevel Gear Cutting Machines in several sizes and Spur and Spiral Gear Hobbing Machines.

We shall be glad to send descriptive literature at your request.



BROWN & SHARPE MFG. CO.
PROVIDENCE, R. I., U. S. A.

1924 Continued

Planters Restaurant, 66 Pine Street, second floor, for lunch at 12:15. Attendance runs from half a dozen to fifteen, the high number. The idea is simply to get away from business and revive the school spirit, even though in quite different surroundings. Any members of the Class in the city on the first Thursday of any month will be sure to find a welcome on the second floor at 66 Pine Street.

The second dinner in New York was held April 27 at the Café Boulevard, with about twenty-five attending. The outstanding feature was the presence of Bill Robinson, who presided with his customary ability. No entertainment had been planned beyond the pleasure of getting together again, but Bill Robinson started some rather impromptu amusement by calling on each one for an account of his activities since graduation.

Many of the boys at the dinner had given an account of themselves at previous occasions, so the following items mainly concern those who had not attended. Bus Kirkpatrick has been associated with the Underwriters' Bureau, but recently changed over to the Johns-Manville Company in the construction engineering department. — Mike Cary claimed to be engaged in subway construction in Brooklyn, although many of the rush hour riders were rather dubious. — John Davey and Al Miller are with the Babcock and Wilcox Company in Bayonne. — Ed Sohn is with the American Can Company. — Walt Gress has been taking a political course in Jimmy Walker's school, with the Board of Transportation. — Greg Shea after some time spent on the west coast with the Puget Sound Power and Light and the Pacific Gas and Electric Company, has settled down with the E. L. Phillip Company, structural engineers, where he is associated with DiSomma. — Stretch Johnson served his apprenticeship with the General Electric Company in Schenectady and is now with the New York Central Railroad in their shops at Harmon, N. Y. — Frank Manley is in the employ of the Charles Tenney Company of Boston, but is working for them with the Rockland Light and Power Company in Nyack, N. Y. We understand that he is making out very well. — Hank Rau was formerly with a leather concern in Northern New York, but is now doing engineering work with the Westinghouse Lamp Company in New Jersey. — Pete Olken is with the American Schaeffer and Budenbrug Company in Brooklyn. — Julian Joffe recently changed over to the Happiness Candy Company, made famous by

radio broadcasting. Incidentally, one of the monthly luncheons was materially aided by a sample box. — S. H. Brown, if we heard correctly, is employed as a patent attorney. No, we haven't any idea what that has to do with engineering.

Bill Robinson topped off the evening with the inside story of the final demise of the Beaver. The mystery has remained so long unsolved that this feature of the evening seemed to create as much interest as the conflict for its possession did throughout its brief history. The evening wound up early for the benefit of the social hounds and the commuters. Every one had a good time, however, and a similar dinner is planned for some time in June.

Several of the notices regarding the dinner traveled some distance for reply. — A card was received from Ed Dunlaevy postmarked Lima, Peru and said, "Sorry I can't come but it's too far!" — Dave Schoenfeld sent regrets from Milwaukee, Wis., saying he expected to be located there for a couple of months to come. — Bill Coleman wrote from Atlanta, Ga., that he was on his way to start a construction job in West Palm Beach, Fla. — R. E. Swift was in East Liverpool, Ohio, in connection with his work for Babcock and Wilcox, but expected to be back in town by June 1. — Andy Greaves is located in Boston with Vaughan Engineers. Others who could not get to the dinner, but not because of distance, were R. V. Giles, who is teaching and had a class and I. Brimberg who was working that night at the city broadcasting station, WNYC.

Carlo Vicario has recently left the New York Edison Company and is now with the Nash Engineering Company. — Nish Cornish is continuing his travels and is now gathering experiences in Mexico. He is still with the General Fireproofing Company.

GEORGE W. KNIGHT, *Secretary*,
30 West 52nd St., New York, N. Y.

COURSE XV

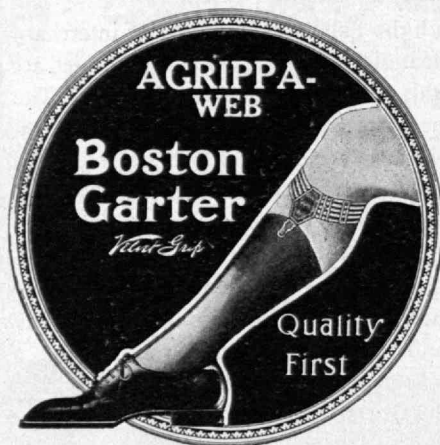
Inasmuch as this is our last opportunity to break out until next November, and as news of our illustrious Course was noticeably lacking in the last issue of The Review, bear with us while we promulgate those anecdotes concerning our wandering brethren of which we are fortunate to be cognizant. Indeed, fortunate is an apt word, for those of you whom your Secretary has seen personally could very comfortably hold a reunion in a telephone booth. Indirect news has been equally meagre. Possibly its scarcity is due to our own incompetence or indifference: but we have been so busy trying to sell bathtubs to an apparently bath-surfeited population that we have had little time to cogitate upon your activities. However, some of you are apparently alive and conscious. Fact is the predecessor of fiction; let us have the near-truth first.

Wink Quarles (may his tribe increase!) has written to us again. That makes two letters we have received from Wink, or an average of 1.9 more than we have had from any one else. Wink had an objection to offer, and after he had rid his system of that, he said: "I am working like the devil trying to peddle off a few oil engines. They are coming along fine, however, and pretty soon, or better still, after I have sold my hundredth oil electric locomotive, I'll be running up there to attend a Reunion of 1924." Wink has certainly become imbued with Ingersoll-Rand optimism.

We are in receipt of a communication from Mel Wagner, manager of the Coöperative Clothing Company at 157 Summer Street, Boston. Mel is ready and willing to attempt to fit the rapidly expanding proportions of his increasingly prosperous classmates. — Jack Parsons, when last heard from, was on his way to Spain with the International Telephone Company. It appears that the bull is due for an early fall. — Carl Bartow is with the Foxboro Company, makers of recording thermometers, at 49 Federal Street, Boston. — Blanchard, Ludwig and Shaw, all retaining their respective jobs, have been recent visitors at 1-181. — Frank Storey is enjoying his work with the Jordan Marsh Company as much as ever.

We shall confine our touring to the hills and sands of New England this summer. If, during your lengthy vacations, you have a moment to write to us, please do so; we shall be surprised and pleased. Whatever wish we may make for you men is made blindly and in complete ignorance, for in the case of most of you we have no knowledge of your past (since June 1924) on which to base an expression of feeling for your future happiness. You are alive — presumably; you are married — probably; you are wealthy — possibly. It is enough! We make the wish.

JOHN O. HOLDEN, *Secretary*,
110 Munroe Road, Quincy, Mass.



Some men are guided solely by appearance and — get just garters.

Some are guided by appearance and price and — get just garters.

But the wise garter buyer is guided by appearance, price, quality and the construction and gets

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The non-skidding garter with the wrinkle proof pad — the last word in garter comfort.

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For Sports Wear ask for Knicker Bostons

'25 It has taken 1925 a long time to send out the roots of knowledge and learning that are going to supply the steady flow of news for The Review office. But at last, after many vicissitudes and qualms of conscience, the task seems nearly completed thanks to the coöperation and encouragement of certain moving spirits among our classmates at the little old building on Gramercy Square. No doubt you have long ago become discouraged and believed that the energy for subscribing news had long succumbed to sloth and procrastination in one so near to me that the very thought brings fiery blushes. However, for the last two months there has been a quiet current of activity that has finally brought results which should be interesting to you. It is concerning those that I am taking a short space for explanation.

Foremost, there is a letter from our President, Glen Bateman, which tells its own story as follows: "My departure for South Africa tomorrow has made it necessary for me to look around for a successor to the job of President. As we have no Vice-President the next officer in line appeared to me to be the logical successor. Chick Muhlenberg is the man, and I have confidence in his ability to perform the duties of the office. He has agreed to undertake them and I feel sure that this arrangement will find favor with all of us. His first duty will be to appoint a new Secretary, and I am glad to say I think that with the prospects now in mind he will have small difficulty in finding the right man for the job, but until formal notice of it appears in these pages the old arrangement will continue. Don't be bashful about writing of yourself and of the '25 men in your vicinity, for while the Secretary must have a certain amount of imagination, you cannot expect him to be a mind reader.

"I hope that all good luck and prosperity comes your way each according to his own ambitions, and, though I am in far-off Africa, you will remember me as still being one of the bunch. Yours for '25, Glen Bateman."

My last word from Glen was as he sailed from England, "Shouting for the joy of being southward bound," as he expressed it. By now he should be once again in sunny Johannesburg helping his pater sell and install every form of mechanical device or equipment known in those semi-barbaric regions. I think I can express for the entire Class our very keen regret in having him leave this country, and express for all the dissatisfaction in learning that he has turned over to one so much less capable the presidential duties of the Class.

As Glen anticipated, I have found a new Secretary — a man very energetic and able, with interest and enthusiasm for the work. He is Frank Preston, who is at present residing at the Technology Club here in New York. He has been the moving spirit behind the dinners which have been held from time to time for the many classmates in this vicinity. If his success here in gathering the stray sheep of the fold is any indication of his ability to handle the general class work, his activities will cause all to breathe a genuine sigh of relief that the secretaryship has changed hands.

Under Frank's direction the prime step toward permanent organization has been completed, namely the selection and appointment of the secretaries for the various courses. In all cases the first men approached very loyally consented to undertake the duties. With the summer months to complete the details of organization, the first issue of The Review in the fall should see 1925 at last fully recuperated and generously entrenched in the battle line of the classes.

Frank is setting forth below the list of the Course Secretaries and their addresses. Get in touch with the Secretary of your Course, and make sure that when the notes are due for the early fall issue the first chapter of your autobiography will be ready for the press.

With Frank Preston to administer the duties of the secretarial office, which you may be sure are often very trying and exacting, I have every confidence that The Review will either be obliged to omit a number of rear page advertisements or add several pages to each volume. And with the promising personnel of Course Secretaries to assist him, the obligations are entirely with the Class as a whole. However checkered your career has been, however far from the center of Technology life you are, there are always many who, through the pages of The Review, will be interested in your flights of fancy or your grovelings for cash, and with a smothered chuckle as they read your blazoned past, grunt "Just like 'im. I knew the ole boy'd do it."

CHARLES R. MUHLENBERG, *Retiring Secretary*,
22 East 38th Street, New York, N. Y.

From the new Secretary

To help me in my work I have been appointing Course Secretaries. If you have any news to report send it to the one named here for your

Course; we will all be glad to hear it: Course I, Harold V. Robichau, 17 Gramercy Park, New York City; Course II, Roger Ward, 17 Ash Street, Garden City, N. Y.; Course III and XII, Gordon Greveling, R. F. D. No. 2, Nashville, Tenn.; Course IV, Charles Peterson, P. O. Box 473, Spokane, Wash.; Course V, volunteer needed; Course VI, Cornelius Enright, North Street, Greenwich, Conn.; Course VI-A, Thomas Killion, 349 Commonwealth Avenue, Boston, Mass.; Course VII, volunteer needed; Course VIII, volunteer needed; Course IX, not yet determined; Course X, Scott Emerson, 16 Lawson Road, Winchester, Mass.; Course XI, volunteer needed. Never mind, no Course XI men in the Class; Course XIII, Warner Lumbard, 74 Hopkins Street, Hilton Village, Va.; Course XIV, volunteer needed; Course XV, Samuel R. Spiker, 17 Gramercy Park, New York City.

The following notes have been collected here at the Technology Club of New York by '25 men who come around to our monthly dinners. Some of the notes are old, but they may be news just the same. Let's start off next year with some live notes. Don't forget your Course Secretary.

As part of my duties as Class Secretary, I keep a list of your addresses. If you have changed yours recently, please let either your Course Secretary or me know all about it.

FRANK PRESTON, *Secretary*,
17 Gramercy Park, New York, N. Y.

COURSE I

Bill Lamm is home in Mexico, but whether he is working or enjoying himself is hard to state. — Ted Kuss is back from Peru and shows no signs of the hard life he led there. — Paul E. Hess is in the estimating department of Barney-Ahlers construction corporation. — George C. Myrick is with Stone and Webster on hydro work in North Carolina. — Finley Laverty is with the Southern California Edison Company, digging tunnels through the Sierras on last report. — Maxon H. King is making extra fancy ready-made buildings to order. — Don Wamsley is working for the Missouri Pacific Railroad. — Frank Riegel is doing editorial work for McGraw-Hill, after being on the



Has the hot weather's arrival found you unprepared?

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Athletic underwear —

Light weight worsted or flannel suit —

Solo* socks —

Solight* straw hat —

Everything to keep you cool.

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Broadway at Liberty	Broadway at Warren	Broadway at 13th St.
	"Six Convenient Corners"	
Herald Sq. at 35th St.		Fifth Ave. at 41st St.

Tremont at Bromfield
Boston, Massachusetts

1925 Continued

road. He is living in the Bohemian atmosphere of the Village. — Max Glickman has been around here for about a month looking for a job and at last reports he was still looking. He is stopping at the Club, temporarily.

Hank Colby is still out in Peoria, Ill., on a construction job for Stone and Webster. He is working in the field office. He says that they keep him busy and he has plenty of overtime. — The Secretary heard from Ken Prescott a while ago. He is working for the Massachusetts State Highway Commission and says that he likes it very much. — Last fall Ken Robie was working for the county engineer in Braintree, Mass., but I haven't heard from him lately. How about a letter, Ken? — Pete Goble was married last Christmas, and the English and History Department thereby became shy one secretary. He and his wife (who, incidentally, used to go to high school with me in Beverly, Mass.) are living in Chicago where Pete is working with some construction company. — Maurice Grushky came to New York recently and he is working for the New York Edison Company on their new Fourteenth Street Station.

I have been sitting here banging off these notes at random, mostly from memory, so you will have to excuse any inaccuracies or omissions. Now that The Review staff has been enlarged, we will try to have a large bunch of notes in every issue. If you want notes you will have to send in news so don't be bashful about writing. My address will probably remain as it is until the fall. I am still working for Stone and Webster and am at a field office on a construction and remodeling job for the American Sugar Refining Company in Brooklyn.

HAROLD V. ROBICHAU, *Secretary*,
17 Gramercy Park, New York, N. Y.

COURSE II

Walter Hickey is in structural steel designing, with Post and McCord, 101 Park Avenue, New York City. — Bob Ashworth is wishing the girls would wear more clothes so the textile industry could pick up. — Freddy Dolan is combining railroading with undertaking, and riding around on New Haven passes. — Virgil Halliburton is letting the Cacillac Company in on a few secrets. — Gus Hall is with the Bartlett-Hayward Company, building gasless waterholders.

THE MURRAY PRINTING COMPANY



Printing for
Every Purpose

Henry Chippendale is, or was, bulldozing poor Detroiters into buying radiators and boilers. — Dick Tryon landed a job with the Standard Oil Company of New Jersey, as a safety engineer. Soon he expects to go on the road, inspecting stills. He is still wrestling. — John Amos Miller is kidding the most gullible public (they must be) of Louisville, Ky., into believing that the Gas Company is doing them (the public) a great favor by merely gassing them, through John. This is all Gus would let me print, but in the *A.S.M.E. Year-book* I find John is a combustion engineer for the Louisville Gas and Electric Company, and living at home too. — Coe Hastings is in Aurora, Ill., but is coming to New York soon. — Roger Ward has plenty of work as an assistant engineer in the metal propeller division of The Curtiss Aeroplane and Manufacturing Company. He has bought a second-hand car recently and overhauled everything except the upholstery, and that won't show at night anyway. I understand that he and a few others are going to use it to drive to Boston for the I. C. A. A. A. meet this June.

Dizzy Doucette and Chink Drew are living at the Central Y in Brooklyn and working together for The Schrader Valve Company. They are taking different jobs around the factory, learning how all the valve parts are made. — Roger Parkinson, Peewee Littlefield, George Witham, and Chuck Knight are all busy doing thesis work. Some time ago they drove to Manchester in Chuck's flivver. Going up they had one puncture and broke the front spring, and coming home they had two leaky tires which had to be pumped up every now and then. In spite of all this they got to Manchester before Professor Haven and the rest of the Class.

Bill Brown, III, is living at the Y. M. C. A. in Worcester, and learning how to sell grinding wheels and abrasives. (Fuller Brushes on the side.)

Chick Muhlenberg, IV, is the only one in this Course I can think of now; guess he has spoken for himself, anyway.

COURSE VI

Clifford Abrahamson is testing all the big converters in the Edison system here in New York. — H. A. Cyr is with the long lines department of the A. T. and T. Company, puzzling over transmission problems. — Giocondo Gagliardi works for the New York Edison Company. — Cornelius Enright is engaged in making maintenance studies in the plant department of the New York Telephone Company. His office is in the new skyscraper where he has a fine view of the Hudson. — W. R. Wheeler is with the long lines department of the A. T. and T. Company. He is married. — Harold West ditto, but not reported to be married. — F. W. Grantham is in Chicago, with a company promoting a bus system. Eddie Wendell is in Spain working for The International Telephone Company — J. E. Yarmack writes, "Roberts is with the Duquesne Power Company. — Joe Manuele, Johnny O'Brien and John Moody are getting along nicely with The Westinghouse Electric and Manufacturing Company. — As for myself, I am holding my third job. After Technology days I went with Westinghouse Air Brake Company, but left three months later. Then I went to Yale as assistant instructor and graduate student. Yale is all right, but Technology is better, so I went with E. L. Phillips Company engineers, New York City. — A. B. Whitehouse came down here to help Robichau clean up the sugar refinery. He intends to stay at the Technology Club for a while.

COURSE IX

Charlie Giblin is with The Diamond Expansion Bolt Company in Jersey, introducing a new galvanizing process. — R. J. Possiel, now a stock trader, is with Gilbert Elliott and Company. — Milt Salzman is a hydraulic engineer with R. D. Johnson. He was assigned to a very good engineer regiment, from what I hear of their dances. Next time they have one I am going to be on hand. — Bob Seddon is married and doing sanitary engineering in New York. — A. K. Morgan is assistant construction superintendent with Barney Ahlers. He says: "I surely do wish I had studied Italian while at Technology, so I could know what the laborers are calling me. I spend most of my time giving lines and grades, and the rest of the time acting as memorandum pad for the superintendent."

George Slottman, X, reports back from Germany that he is taken with the land. He also states that prohibition has not become an important question over there. — Phil Gruber, X, is located at Bayonne, N. J. with an oil company.

Otto Richter, XIV, is now employed by the plant department of the New York Telephone Company. At present he is enjoying the Jersey atmosphere in Montclair.

1925 Continued

COURSE XV

Joe McCarthy is in the credit department of The Graybar Electric Company. He is married and lives at 25 Jackson Street, Long Branch, N. J. — Chet Trask was in the electric sign business in Florida during the winter. He also is married. For the summer he will be engaged in restaurant work in Revere, Mass. — Joe Russel has gone to the Philippines with the Standard Oil Company. This is his first visit home in five years. — Samuel Samuelson is learning the department store managing game at Abraham and Straus's in Brooklyn. He has survived the Christmas rush in the wrapping department, and now is making studies of credit and merchandise returns to vendors. He is also analyzing the performance of the moyer fleet. He is still single although admitting that it is a very difficult task to keep out of entangling alliances in an organization where the deadlier sex predominates. — Bob Learoyd is with E. S. Learoyd, Inc., insurance brokers of New York and Boston. "New York City, a great place for the ambitious, but no place for the easy going fellow."

Philip Niles is with Harris, Forbes and Company. — Bill Northrup is an international patent broker for the American Safan Company. — Bob Hochstetler is with the same company and is living in Colonial Heights. — Charles Billman is in the service department of the General Motors Export Company. — Dow Drukker is married, and is also managing the Union Construction Company of Passaic, N. J. — Chink Drew, (See Doucette, II) says he has been making more money playing his sax than making valves for Schrader. He has joined the N. Y. A. C. so he can throw the hammer again. — Tom Joyce is assistant traffic manager for the New York Telephone Company. — Don Henderson is with Halsey, Stuart and Company. — Bill Arnold is learning the silk business over in Jersey. Whenever he is here at the Club he reads all our copies of Aviation. Jim McIndoe and Sas Spiker are with the American Radiator Company as salesman and engineer respectively. Sam was a great help during the coal strike; without him the Club would have either been frozen or smoked out.

Temp Patton, V, is in the Bureau of Tests of the International Paper Company at Glens Falls, New York.

Scott Emerson, X, went abroad last summer. While in Paris he found he had been living next to Sam Spiker for a week before he discovered it. To quote his letter, "After coming back was disappointed

on a couple of job prospects, but finally landed one with a new firm in Cleveland which, however, soon went to the wall financially and still owe me some money on my enormous salary! From there I came directly to Boston and joined the sales organization of the Delco Light Company, manufacturers of Frigidaire, and am more or less of a salesman. I met T. B. Mason, VI, and we are running a sort of portable agency for the Frigidaire. It is great experience and we are learning a lot.

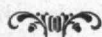
"I will tell you now what little I know about some of the fellows and write more later. A great many of the fellows are in Course X-A and that includes Worthington, Caine, Bader, Dirks, Fielding, Dykstra, Campbell, Herman, Bodel, Wick, Disson and Freudenthal. Dirks has since gone with the Tide Water Oil Company in New Jersey on development work. — Dykstra, I understand, has recently taken a job in Buffalo. — Ed Harris is with the Mead Paper and Pulp Company, doing engineering work in Chillicothe, Ohio. — Les Smith is with the Spencer Company in Hartford, Conn. — Art Sharpe is with the Gorham Silver Company of Providence. — Bill Asbury and Walter Scharman are in the Research Laboratory of Applied Chemistry at the Institute. — Leslie Bragg is assistant in the Department of Chemical Engineering. — Bob Hatton is with the General Electric Company.

Outside of Course X, Byck Lumbard is married and settled with the Newport News Shipbuilding Corporation at Hampton Roads, Va. — Fred Greer has also joined the benedicts and is working with his father in Cambridge. — Ed Wendell, VI, is with the Cuban Telephone Company doing work in Spain. — Walt Rhodes is doing accounting work in Boston. — J. Ramsey is working for the Boston and Maine, doing civil engineering as only a chemist can."

FRANK W. PRESTON, *General Secretary*,
17 Gramercy Park, New York, N. Y.

'26 Report has it that the Class of 1926, new child of the Alumni Association, is doing nicely. Of course, the membership has scattered to the four corners of the earth, but there is an anchor to windward in the fact that ninety per cent of those subscribing to the Endowment also joined the Alumni Association. And Class President Dave Shepard,
(Continued on page 519)

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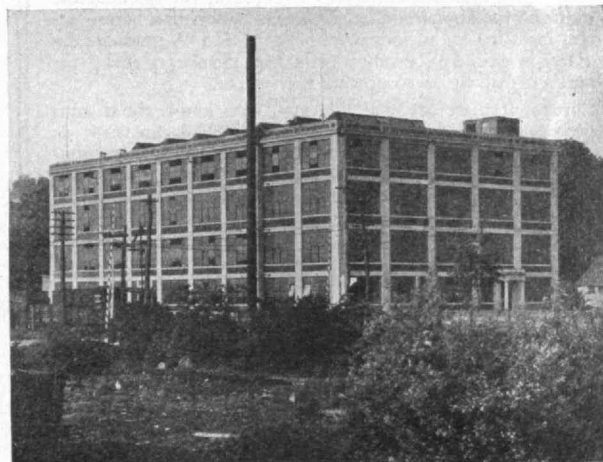


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**POSITIONS are OPEN to men
of the following qualifications:**

No. 1034. A well known institution of learning in lower New York State requires a drawing instructor for the school year 1926-27 in the Mechanical Engineering Department. Teaching experience will be beneficial but is not essential. The salary is about \$2,000 for the school year and a single man will be most desirable.

No. 1035. There are opportunities at present with an established furniture manufacturing concern with several factories in New York State. Several recent graduates are needed in maintenance, design and production work at these factories.

No. 1036. A furniture concern with headquarters in New York City wishes to obtain the services of young engineers. A period of training in the New York district will be given. Those successful will then be given further opportunities in branch offices about to be opened. The furniture is made of metal and includes a large variety of shelves, desks, chairs, etc.

No. 1037. A large public utility of New York State needs a graduate electrical engineer with at least five years' general experience to work into the distribution section of the company. The starting salary will be \$2,800 a year and the applicant will probably be 25 to 32 years old. There are at present many Technology men with this company and there is room for more.

No. 1038. A Massachusetts mill engaged in the manufacture of high grade bond and ledger papers is having a bonus system installed by an industrial organization. A graduate engineer is needed to become a permanent member of this paper mill's organization to operate the system.

No. 1039. If there are available men who know about mica processes, molded insulation, or varnish and japan work we will be pleased to recommend them to a large electrical concern in the Eastern States which needs the services of such men at this time. No definite salary limits have been placed on these opportunities.

No. 1040. There are opportunities for graduates interested in research fellowships and instructors' positions in physics and physical chemistry for the year 1926-27 with a well-known university in the Eastern States. The salary for these positions is \$1,800 a year.

**POSITIONS are WANTED
by men as described below:**

No. 2005. A very capable Technology graduate with twenty-five years' experience in financial and sales work with large industrial concerns is at present available for a new connection. He has been a consulting engineer on industrial problems and is well equipped to save money on sales, manufacturing, and production. He feels able to serve industry in an executive capacity on account of this experience and the ability to quickly observe what activities need special attention and revision.

*All inquiries should refer to numbers and should be
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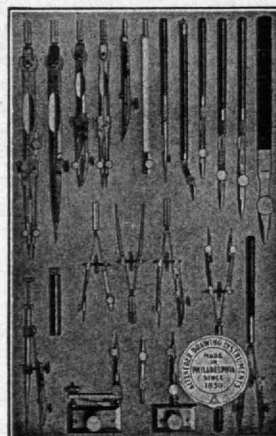
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1926 Continued

at a recent interview beamingly imparted the secret that '26 had been more successful in its Endowment Drive than any recent class.

Dave (who, by the way, will be back next year taking graduate work) also holds the belief that his protégés did nobly by their Alma Mater in activities the past year. For example, the Student Tax increase, the Athletic Association-Tech Show affiliation, and the sports boom. Not to mention several of the best brawls staged in modern times. Certainly, the Class has been alive and kicking.

The hope is ventured that age will not wither nor custom stale its infinite variety. Four years of bitterness and light did not seem to do so; neither, perhaps, will Alumni dinners. The silvery eloquence of Dave, of course, will always draw a crowd and will prove an excellent asset for class solidarity. Ken Lord, in his persistent manipulations for more athletic money, taught the Class much about high and dizzy finance, and that, too, should redound to its advantage.

The Golden Age of 1926, or The Gay Twenties, are the proposed heraldic inscriptions for this infant, although these may evoke opposition from other classes. There is nothing wrong in getting an optimistic start, particularly when the pre-natal influence was of such a superior order. It is also apropos to emphasize the necessity of those stalwart scribes and representatives, newly chosen, to uphold and assiduously add to the reputation of the Class. The Course Secretaries, as well as the columns of The Review, are always yawning and gulping for live news. It is fitting and proper that all achievements, addresses, and escapades be mirrored and embalmed in golden literary amber.

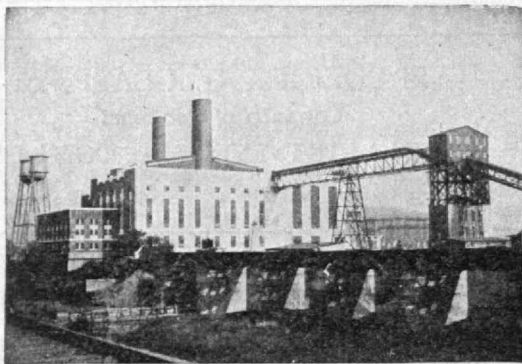
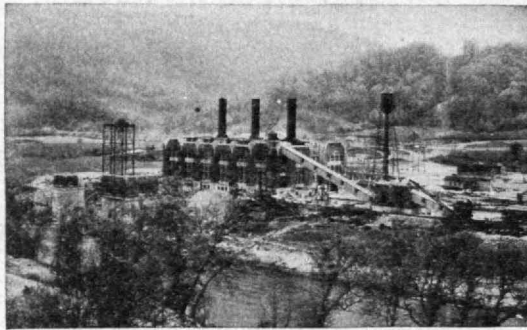
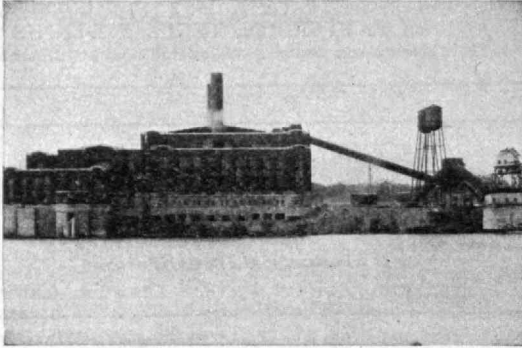
The Secretaries are waiting with poignant and luscious words to do so whenever they get the news. Don't hold back on them.

So early after graduation, only a few scattered items have come to the attention of the Secretary. Those men that are not working already, have traipsed off to Europe, to the homes of their childhood, or to haunts even more romantic. Lee Cummings is in the employ of the Eastman Kodak Company in Rochester. — Bill Lowell is at 39 Hight Street, Newburyport, learning the shoe business. Bean Lambert is continuing his work at Technology. Dick Jones is with the Atlantic Refining Company in Philadelphia and is living at 1421 Arch Street. — Mooney Owen finally landed in the research department of the Chesapeake and Potomac Telephone Company, and is living at 739 Quebec Place, N. W., Washington, D. C. — Ken Lord is with an electrical concern in Cleveland, Ohio. The address is 1088 Ivanhoe Road. — Guy Frisbie is disporting himself in a kitchen utensil factory (along with Ave Stanton, '25) at Troy, Ohio, — all of a forty-dollar round trip fare from the cynosure of his eyes — Rochester.

So run the society notes for the present. No marriages have been heard of, although several are impending. Who shall be the first to taste connubial bliss? The Secretary hereby offers a prize of one wreath (on the class treasury) to the first husband. The next contest after that, of course, will be for the first father. The race is on. Further contests are to be announced later.

J. R. KILLIAN, Jr., Secretary
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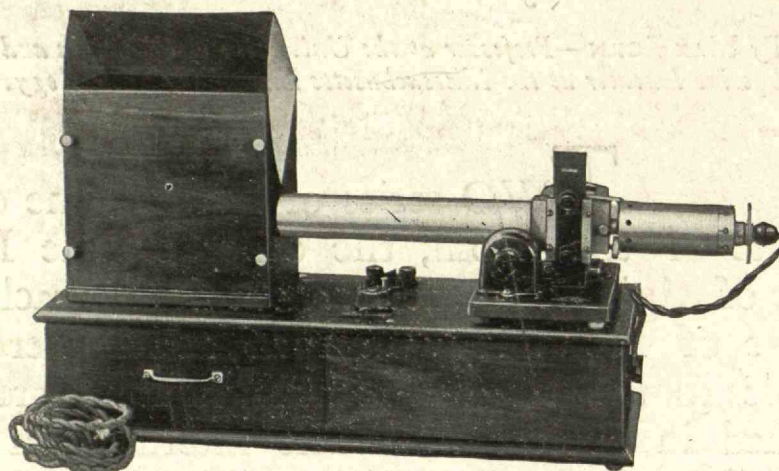
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